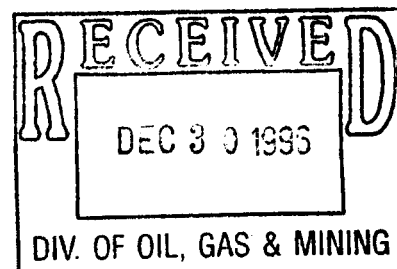




December 27, 1996



Applications for Permit to Drill
Natural Buttes Field
Uintah County, Utah

VIA OVERNIGHT MAIL

Mr. Frank Matthews
State of Utah
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, UT 84114-5801

Dear Frank:

Enclosed are the Applications for Permit to Drill (APD), the Drilling Programs, and the Surface Use and Operations Plans for the following wells:

Morgan State #6-36
Morgan State #7-36
Morgan State #8-36
Morgan State #11-36
Morgan State #12-36

Please note that the Surface Use and Operations Plans are subject to change pending completion of the on-sites. On-site inspections for these wells have been scheduled for Tuesday, January 7, 1997, with Dave Hackford.

If you have any questions concerning the enclosed documents, please contact me at (303) 573-4455.

Sincerely,

Sheila Bremer
Environmental & Safety Analyst

Enclosures

cc: Bureau of Land Management - Vernal District
(For Unit Purposes Only)

Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION
800 17TH ST • STE 800 S • P O BOX 749 • DENVER CO 80201-0749 • 303/572-1121

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL OR DEEPEN		5. Lease Designation and Serial Number: ML-22265	
1A. Type of Work: DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		6. If Indian, Allottee or Tribe Name: N/A	
B. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER: SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name: N/A	
2. Name of Operator: Coastal Oil & Gas Corporation		8. Farm or Lease Name: Morgan State	
3. Address and Telephone Number: P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455		9. Well Number: #7-36	
4. Location of Well (Footages) At Surface: 20' 603' 660 FNL 1980 FWL At Proposed Producing Zone:		10. Field and Pool, or Wildcat: Natural Buttes Field	
11. Ctr/Ctr, Section, Township, Range, Meridian: NE/4 NW/4 Section 36-T9S-R21E		12. County: Uintah	
13. State: UTAH		14. Distance in miles and direction from nearest town or post office: Approximately 48.8 miles southwest of Vernal, Utah	
15. Distance to nearest property or lease line (feet): 660'		16. Number of acres in lease: 639.20	
17. Number of acres assigned to this well: 40		18. Distance to nearest well, drilling, completed, or applied for, on this lease (feet): See Top Map C	
19. Proposed Depth: 8200'		20. Rotary or cable tools: Rotary	
21. Elevations (show whether DF, RT, GR, etc.): Ungraded GR - 4989'		22. Approximate date work will start: Upon Approval	

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Please see attached Drilling Program.				

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

Coastal Oil & Gas Corporation proposes to drill a well to the proposed TD as stated above. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per State of Utah requirements.

See the Drilling Program and Multi-point Surface Use & Operations Plan, attached.

Coastal Oil & Gas Corporation is considered to be the operator of the subject well. It agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided for by Coastal's Bond #102103.

24. Name & Signature: Sheila Bremer Title: Environmental & Safety Analyst 12/27/96

(This space for State use only)

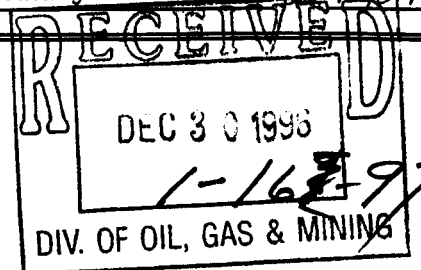
API Number Assigned: 43-047-32811

Approval:

J. Matthews

John E. Engman

(See Instructions on Reverse Side)



T9S, R21E, S.L.B.&M.

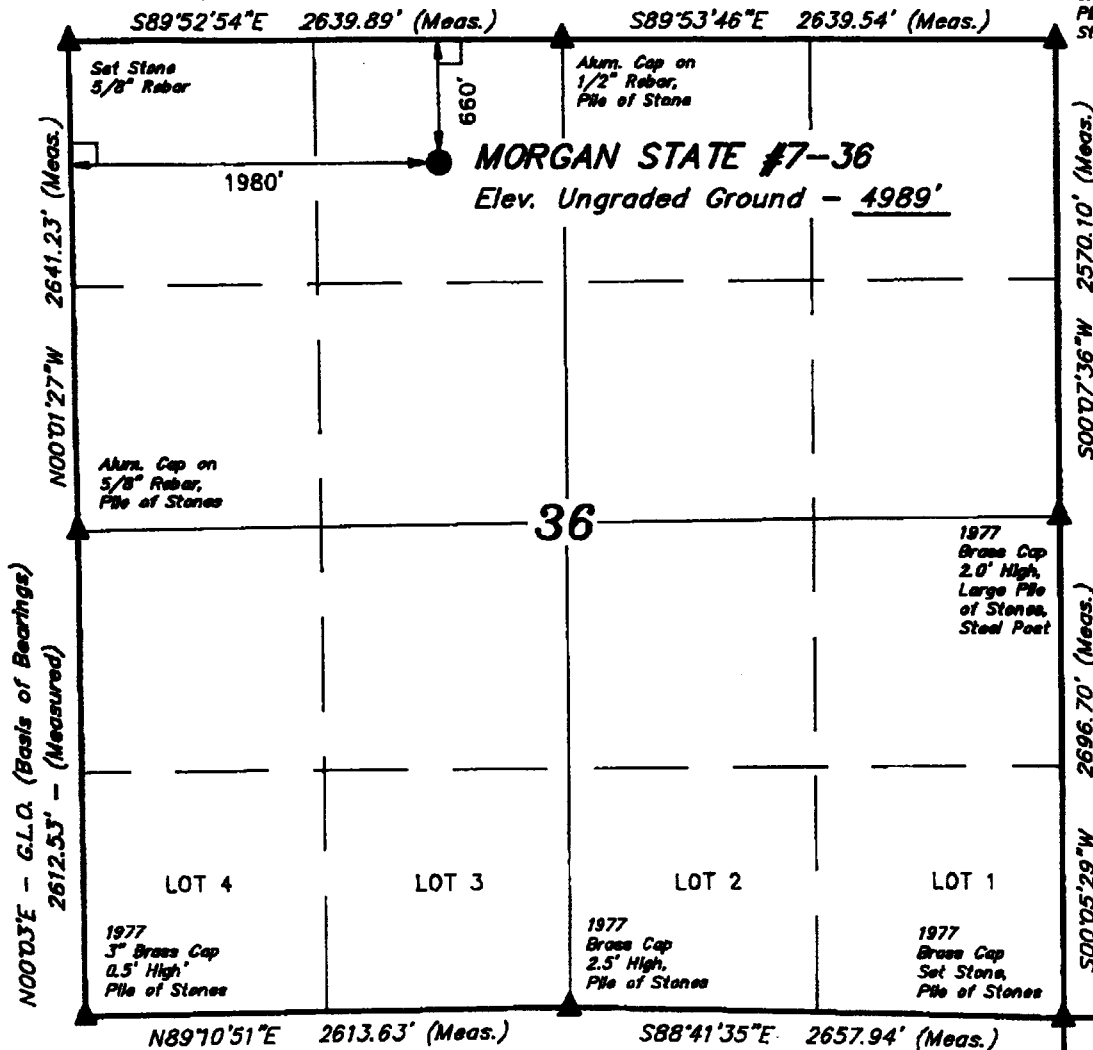
COASTAL OIL & GAS CORP.

Well location, MORGAN STATE #7-36, located as shown in the NE 1/4 NW 1/4 of Section 36, T9S, R21E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

TWO WATERS TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

1977
3" Brass Cap
0.5' High,
Pile of Stones
Steel Post



LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert L. Kay
REGISTERED LAND SURVEYOR
REGISTRATION NO. 181319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 12-08-96	DATE DRAWN: 12-19-96
PARTY L.D.T. J.G. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE COASTAL OIL & GAS CORP.	

**MORGAN STATE #7-36
660' FNL & 1980' FWL
NE/NW, SECTION 36-T9S-R21E
UINTAH COUNTY, UTAH**

COASTAL OIL & GAS CORPORATION

DRILLING PROGRAM

The proposed wellsite is on State of Utah surface/State of Utah minerals.

1. **Estimated Tops of Important Geologic Markers:**

<u>Formation</u>	<u>Depth</u>
Duchesne River/Uinta	Surface
Green River	1,440'
Wasatch	4,640'
Mesaverde Sand	7,340'
Total Depth	8,200'

2. **Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:**

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Oil/Gas	Green River	1,440'
Oil	Wasatch	4,640'
	Mesaverde Sand	7,340'
Gas	Wasatch	4,640'
	Mesaverde Sand	7,340'
Water	N/A	
Other Minerals	N/A	

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. Oil and gas shows will be tested to determine commercial potential.

3. **Pressure Control Equipment:** (Schematic Attached)

- a. The BOP stack will consist of one 11" 3,000 psi annular BOP, one 11" 3,000 psi double ram, and one 11" drilling spool. The lower ram will contain pipe rams, and the upper ram will contain blind rams.
- b. The choke and kill lines and the choke manifold will have a 3,000 psi minimum pressure rating.
- c. Testing: The hydril will be tested to 1,500 psi. The rams, choke manifold, kelly safety valves, drill string safety valves, and inside BOP will be tested to 2,000 psi.

4. **Proposed Casing and Cementing Program:**

- a. The proposed Casing Program will be as follows:

<u>Purpose</u>	<u>Depth</u>	<u>Hole Size</u>	<u>Csg Size</u>	<u>Wt/ft</u>	<u>Grade</u>	<u>Type</u>
Surface	0-250'	12 1/4"	8 5/8"	24#	K-55	ST&C
Production	0-TD	7 7/8"	4 1/2"	11.6#	K-55	LT&C

The surface casing will be tested to 1,500 psi prior to drilling out.

Casing design is subject to revision based on geologic conditions encountered.

- b. The Cement Program will be as follows:

<u>Surface</u>	<u>Fill</u>	<u>Type & Amount</u>
0-250'	250'	Approximately 190 sx Class "G" + 2% CaCl ₂ , 15.6 ppg, 1.19 CF/sx.

<u>Production</u>	<u>Type & Amount</u>
500' above productive interval to surface	Lead: Extended, Lite, or Hi-Fill cement + additives, 11 ppg.
TD to 500' above productive interval	Tail: Extended Class "G" or 50:50 Poz + additives, 14 ppg.

For production casing, actual cement volumes will be determined from the caliper log.

For surface casing, waiting on cement time will be adequate to achieve 500 psi compressive strength at the shoe prior to drilling out.

5. **Drilling Fluids Program:**

<u>Interval</u>	<u>Type</u>	<u>Mud Wt.</u>
0-TD'	Air/Air Mist/Aerated Water/Water (As hole conditions warrant.) Depending on hole conditions, the hole will be displaced to either 10 ppg brine or drilling mud prior to logging.	8.4 ppg or less

No chromate additives will be used in the mud system without prior approval to ensure adequate protection of fresh water aquifers.

6. Evaluation Program:**a. Logging Program:**

DLL/SP: Base of surface casing to TD
GR/Neutron Density: 2500'-TD

Drill Stem Tests: None anticipated.

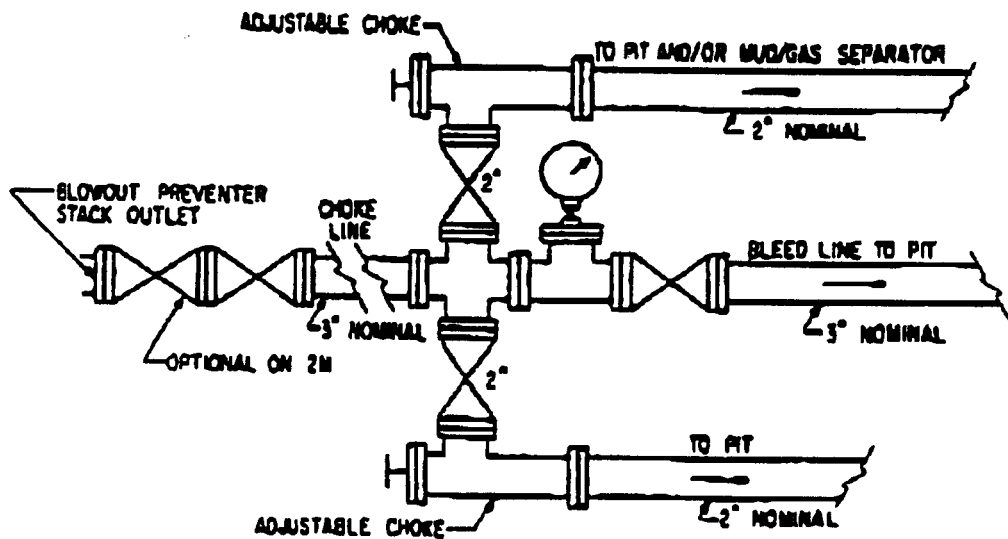
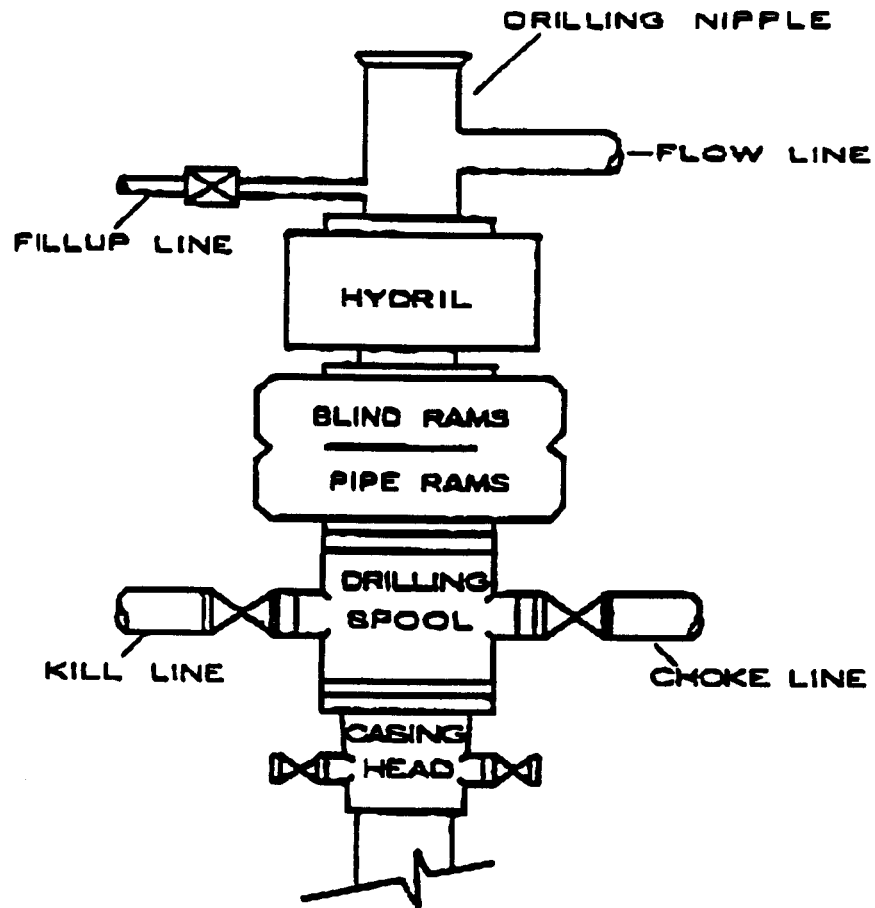
The Evaluation Program may change at the discretion of the well site geologist.

- b. No drill stem tests, stimulation, or frac treatment has been formulated for this well at this time; however, the drill site, as approved, will be of sufficient size to accommodate all completion activities. Any frac treatment program specifics will be submitted via sundry notices.

7. Abnormal Conditions:

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered in or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure approximately equals 3,280 psi (calculated at 0.4 psi/foot) and maximum anticipated surface pressure equals approximately 1,476 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

3,000 psi
BOP STACK



**MORGAN STATE #7-36
660' FNL & 1980' FWL
NE/NW, SECTION 36-T9S-R21E
UINTAH COUNTY, UTAH**

COASTAL OIL & GAS CORPORATION

MULTI-POINT SURFACE USE & OPERATIONS PLAN

This Surface Use and Operations Plan is subject to change pending completion of the on-site inspection.

1. **Existing Roads:**

The proposed wellsite is approximately 48.75 miles southwest of Vernal, Utah.

Directions to the location from Vernal, Utah, are:

Proceed westerly from Vernal on U.S. Highway 40 approximately 14.0 miles to the junction of State Highway 88; exit left and proceed south approximately 17.0 miles on State Highway 88 to Ouray, Utah; proceed south from Ouray approximately 6.9 miles on the Seep Ridge Road to the junction of this road and an existing oil field service road to the east; turn left and proceed in an easterly direction approximately 5.0 miles to the junction of this road and an existing road to the north; turn left and proceed in a northerly direction approximately 0.3 miles to the junction of this road and an existing road to the northeast; turn right and proceed in a northeasterly direction approximately 3.9 miles to the junction of this road and an existing road to the south; turn right and proceed in a southerly direction approximately 1.0 miles to the junction of this road and an existing road to the southeast; turn left and proceed in a southeasterly direction approximately 0.5 miles to the beginning of the proposed access road to the southwest; proceed in a southwesterly then westerly direction approximately 0.15 miles to the proposed location.

Refer to Topo Maps A and B for location of access roads within a 2 mile radius.

Improvements to existing access roads shall be determined at the on-site inspection.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. **Planned Access Roads:**

Approximately 0.15 miles of new access will be required. The new access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet, ***unless modified at the on-site inspection.*** Appropriate water control will be installed to control erosion.

Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities shall be determined at the on-site.

The access road was centerline flagged during time of staking.

Surfacing material may be necessary, depending upon weather conditions.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

3. **Location of Existing Wells Within a 1-Mile Radius:** (See Map C)

- a. Water wells - 0
- b. Producing wells - 19
- c. Drilling wells - 0
- d. Shut-in wells - 0
- e. Temporarily abandoned wells - 0
- f. Disposal wells - 0
- g. Abandoned wells - 1
- h. Injection wells - 0

4. **Location of Existing and Proposed Facilities:**

The following guidelines will apply if the well is productive.

- a. All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.
- b. A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.
- c. All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required color is Desert Brown, Munsell standard color number 10 YR 6/3.

- d. Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.
- e. The proposed pipeline will leave the well pad in a southeasterly direction for an approximate distance of 700' to tie into an existing pipeline. Please see Map D.

5. **Location and Type of Water Supply:**

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Section 32-T4S-R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. **Source of Construction Materials:**

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. **Methods of Handling Waste Materials:**

- a. Drill cuttings will be contained and buried in the reserve pit.
- b. Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.
- c. The reserve pit will be constructed on the location and will not be located within natural drainages, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids. *The need for a reserve pit liner will be determined at the on-site inspection.*

If a plastic reinforced liner is used, it will be a minimum of 12 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

- d. Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.
- e. A chemical porta-toilet will be furnished with the drilling rig.
- f. Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.
- g. All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

- h. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

8. **Ancillary Facilities:**

None are anticipated.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s). *This section is subject to modification as a result of the on-site inspection.*

See the attached diagram to describe rig orientation, parking areas, and access roads.

- a. The reserve pit will be located on the south side of the location.
- b. The stockpiled topsoil (first six inches) will be stored on the east side of the location. All brush removed from the well pad during construction will be stockpiled separately from the topsoil.
- c. The flare pit will be located on the west side of the location, downwind from the prevailing wind direction.
- d. Access will be from the southeast.
- e. All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

- f. The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. **Plans for Reclamation of the Surface:**

a. Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

If a plastic, nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water(s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

b. Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and the re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

11. **Surface Ownership:**

a. Access Roads - The proposed access road is located on lands owned by:

- State of Utah
Division of State Lands & Forestry

b. Well Pad - The well is located on land owned by:

- State of Utah
Division of State Lands & Forestry
3 Triad Center, #400
Salt Lake City, Utah 84180-1204

12. **Other Information:**

- a. All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.
- b. The Operator will control noxious weeds along right-of-ways for roads, pipelines, well sites, or other applicable facilities.
- c. Arch clearance for Section 36-T9S-R21E was obtained from Mr. Jim Cooper, Utah State Lands Trust.

13. **Lessee's or Operators's Representative and Certification:**

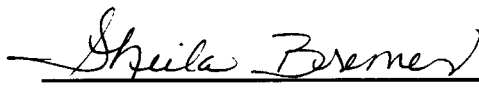
Sheila Bremer
Environmental & Safety Analyst
Coastal Oil & Gas Corporation
P.O. Box 749
Denver, CO 80201-0749
(303) 573-4455

Keith Alverson
Drilling Manager
(713) 877-6354

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the operator, its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.



Sheila Bremer

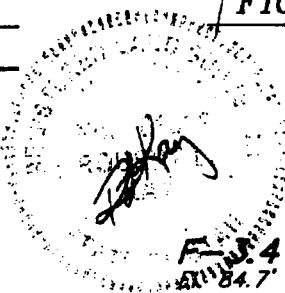
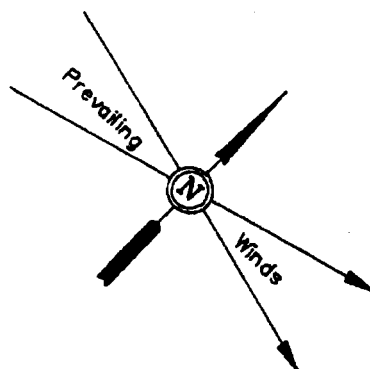
12/27/96

Date

COASTAL OIL & GAS CORP.

FIGURE #1

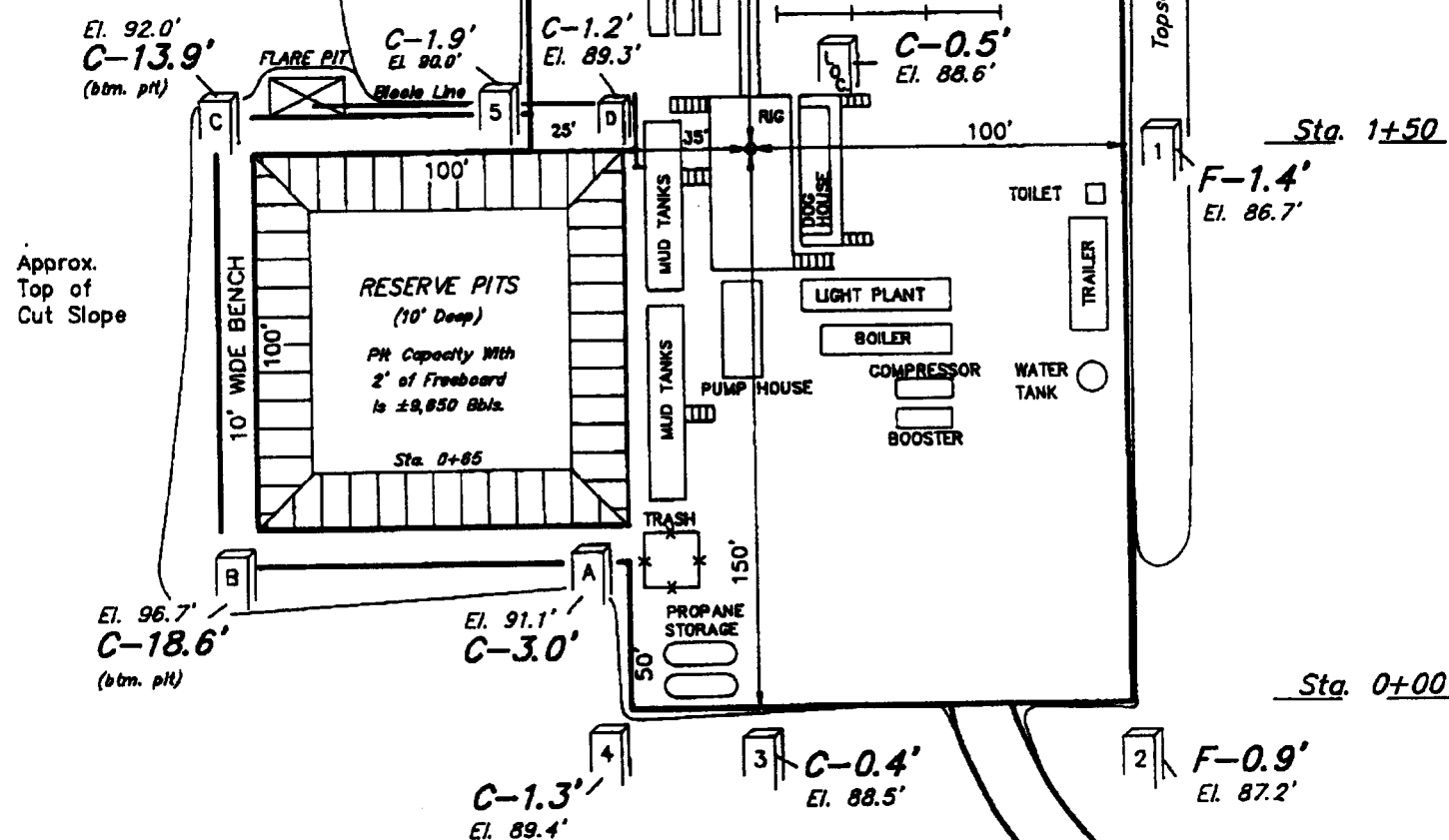
LOCATION LAYOUT FOR
MORGAN STATE #7-36
SECTION 36, T9S, R21E, S.L.B.&M.
660' FNL 1980' FWL



SCALE: 1" = 50'
DATE: 12-20-96
Drawn By: D.R.B.

NOTE:

Flare Pit is to be located
a min. of 100' from the
Well Head.



NOTES:

Elev. Ungraded Ground At Loc. Stake = 4988.6'
FINISHED GRADE ELEV. AT LOC. STAKE = 4988.1'

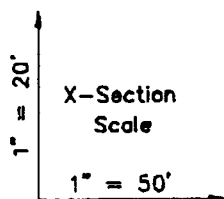
Proposed Access
Road

UINTAH ENGINEERING & LAND SURVEYING
86 South 200 East Vernal, Utah

COASTAL OIL & GAS CORP.

TYPICAL CROSS SECTIONS FOR

MORGAN STATE #7-36
SECTION 36, T9S, R21E, S.L.B.&M.
660' FNL 1980' FWL



DATE: 12-20-96
Drawn By: D.R.B.

Robert J. K...

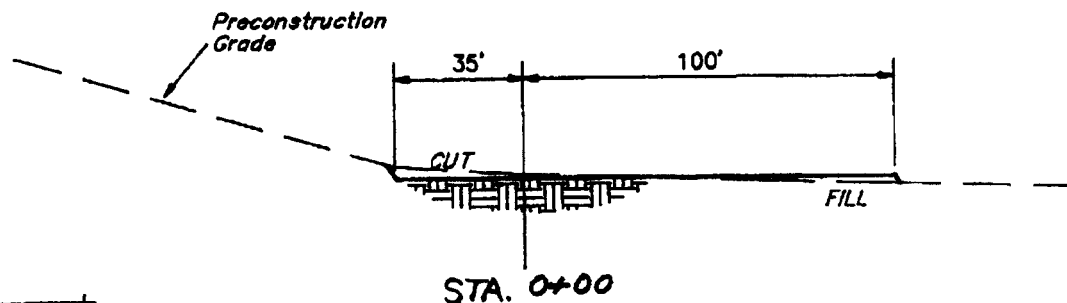
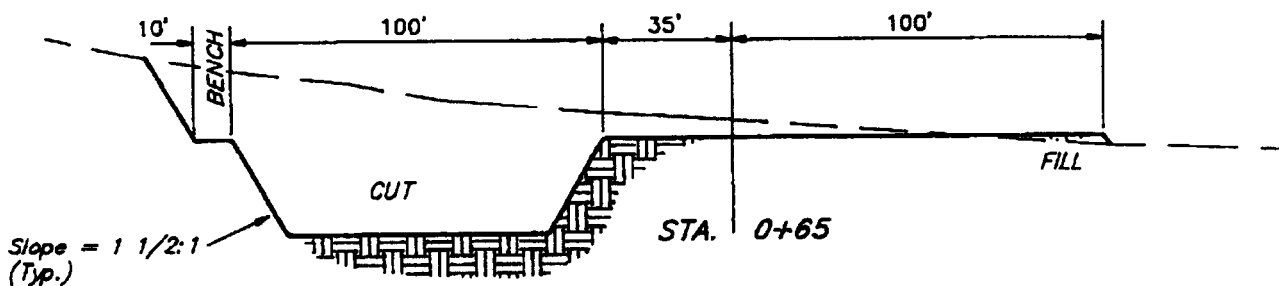
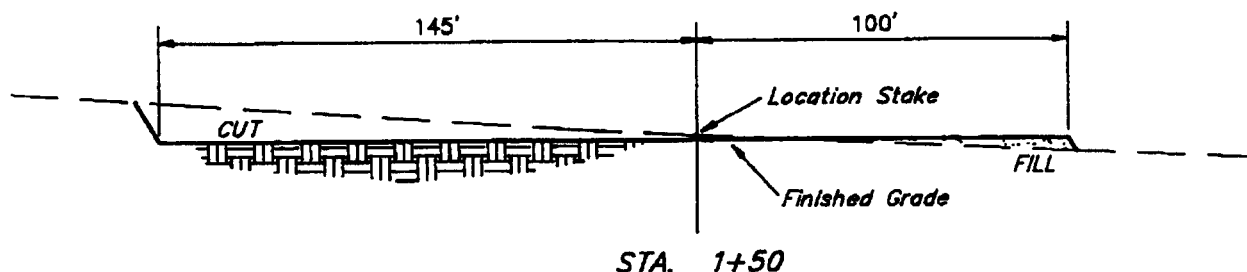
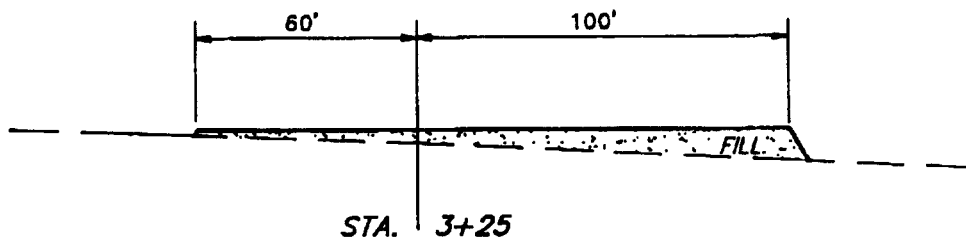


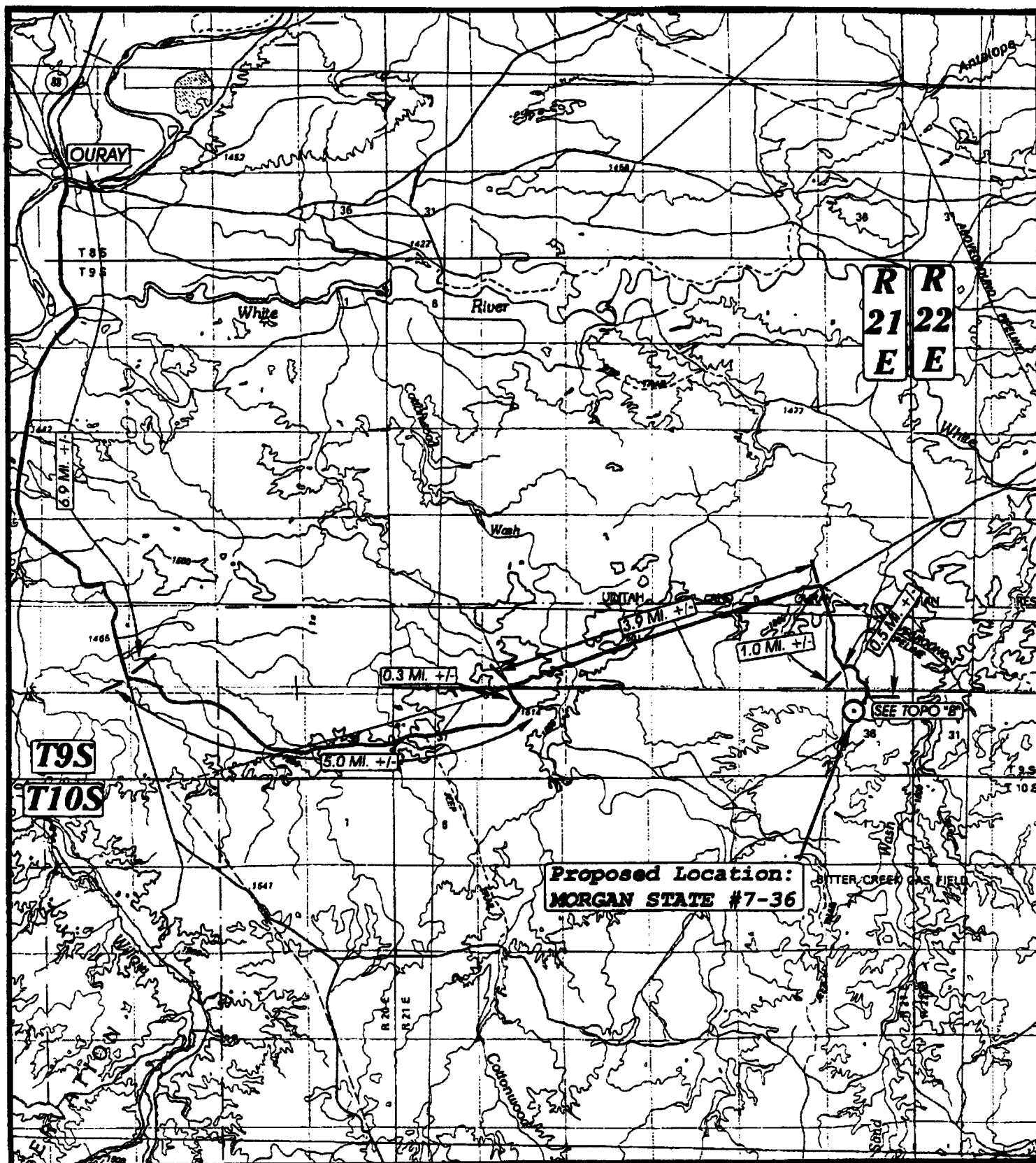
FIGURE #2

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,080 Cu. Yds.
Remaining Location	= 5,010 Cu. Yds.
TOTAL CUT	= 6,090 CU.YDS.
FILL	= 1,850 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 4,140 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,420 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 1,720 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
86 South 200 East Vernal, Utah



UELS

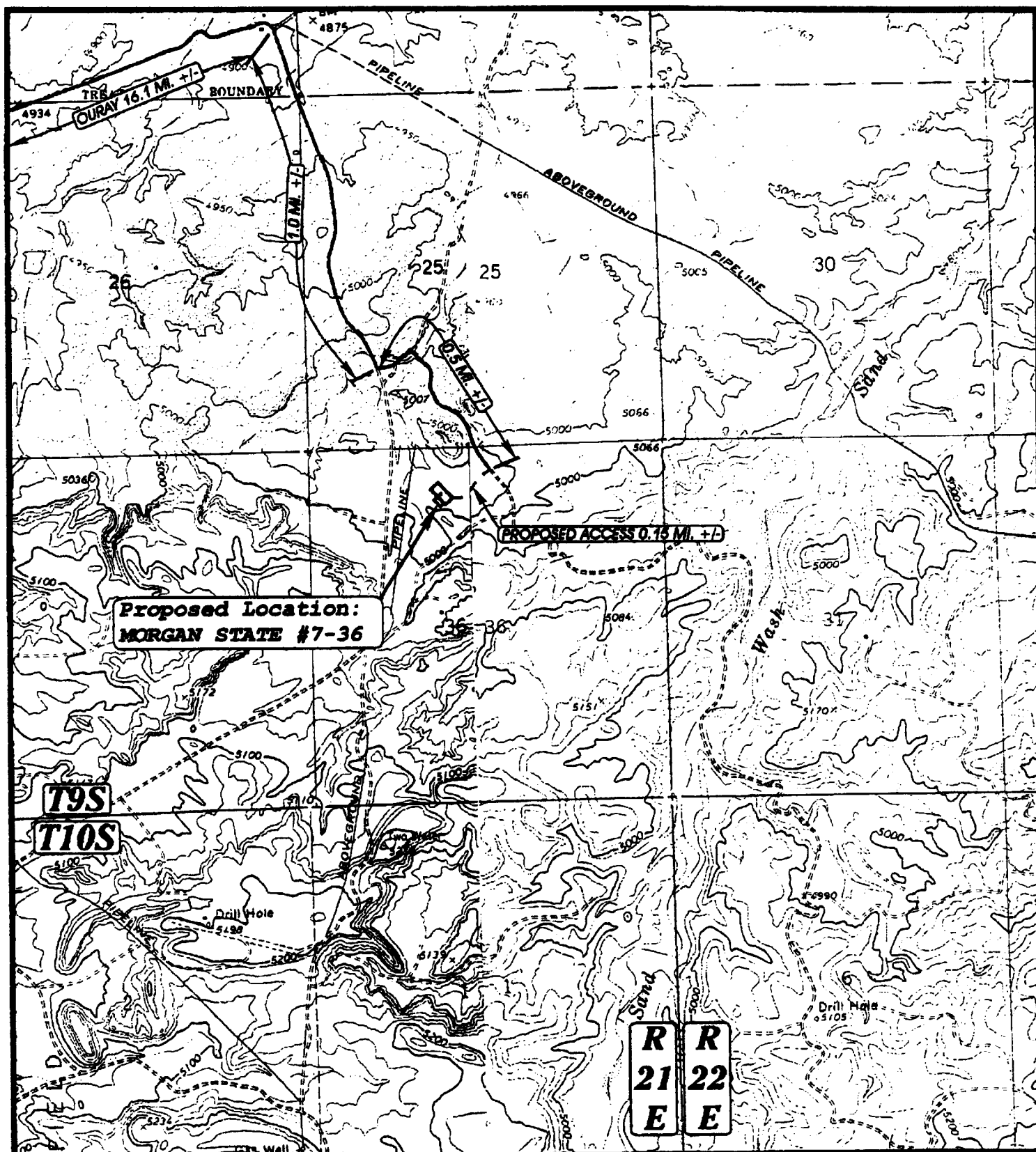
**TOPOGRAPHIC
MAP "A"**

DATE: 12-23-96
Drawn by: D.COX



COASTAL OIL & GAS CORP.

MORGAN STATE #7-36
SECTION 36, T9S, R21E, S.L.B.&M.
660' FNL 1980' FWL



UELS

TOPOGRAPHIC
MAP "B"

DATE: 12-23-96
Drawn by: D.COX

UNTAEH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017



SCALE: 1" = 2000'

COASTAL OIL & GAS CORP.

MORGAN STATE #7-36
SECTION 36, T9S, R21E, S.L.B.&M.
660' FNL 1980' FWL

LEGEND:

- Water Wells
- Abandoned Wells
- Temporarily Abandoned Wells
- Disposal Wells
- Drilling Wells
- Producing Wells
- Shut-In Wells

UTAH ENGINEERING & LAND SURVEYING
65 So. 200 East • Vernal, Utah 84078 • (801) 789-1017



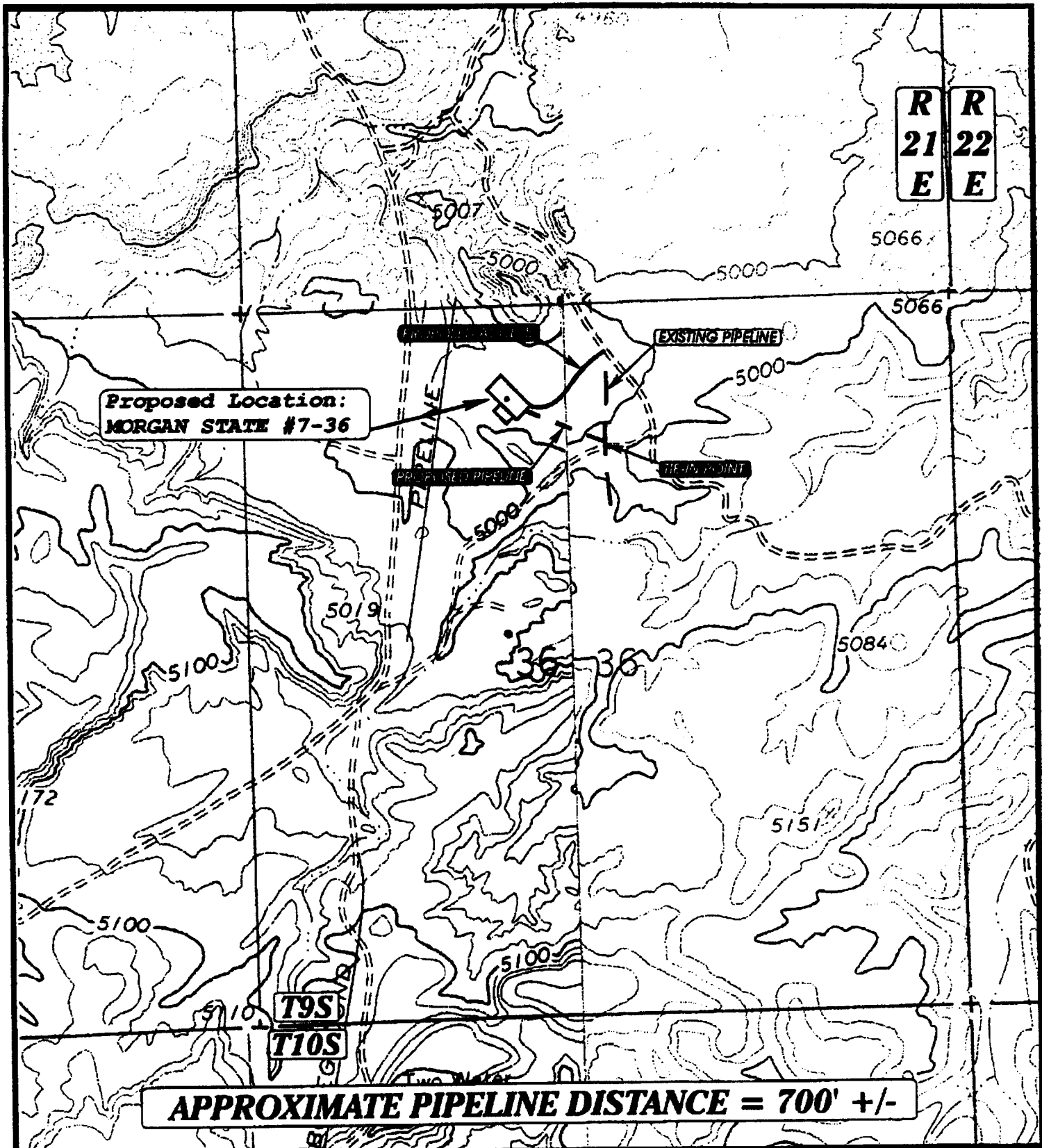
SCALE: 1" = 2000'

COASTAL OIL & GAS CORP..

MORGAN STATE #7-36
SECTION 36, T9S, R21E, S.L.B.&M.

TOPOGRAPHIC MAP "C"

DATE: 12-23-96
DRAWN BY: D.COX



**TOPOGRAPHIC
MAP "D"**

COASTAL OIL & GAS CORP..

**MORGAN STATE #7-36
SECTION 36, T9S, R21E, S.L.B.&M.**

DATE: 12-23-96

Drawn by: D.COX

UELS
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 289-1017

SCALE: 1" = 1000'

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/30/96

API NO. ASSIGNED: 43-047-32811

WELL NAME: MORGAN STATE 7-36
OPERATOR: COASTAL OIL & GAS CORP (N0230)

PROPOSED LOCATION:

NENW 36 - T09S - R21E
SURFACE: 0660-FNL-1980-FWL
BOTTOM: 0660-FNL-1980-FWL
UINTAH COUNTY
NATUAL BUTTES FIELD (620) 630

LEASE TYPE: STA
LEASE NUMBER: ML -22265

PROPOSED PRODUCING FORMATION: MVRD

INSPECT LOCATION BY: 01/15/97

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

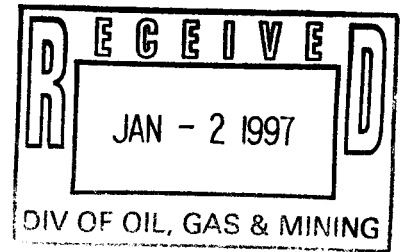
☒ Plat
☒ Bond: Federal[] State ☒ Fee[]
(Number 102103)
☒ Potash (Y/N)
☒ Oil shale (Y/N)
☒ Water permit
(Number 43-8496)
☒ RDCC Review (Y/N)
(Date:)

LOCATION AND SITING: Natural Buttes

☒ R649-2-3. Unit: 454 63047X
☐ R649-3-2. General.
☐ R649-3-3. Exception.
☐ Drilling Unit.
Board Cause no: _____
Date: _____

COMMENTS:

STIPULATIONS:



COASTAL OIL & GAS CORPORATION

MORGAN STATE #7-36

NE/NW SECTION 36, T9S, R21E, S.L.B.&M.

UINTAH COUNTY, UTAH

PALEONTOLOGY REPORT

BY

ALDEN H. HAMBLIN
PALEONTOLOGIST
P.O. BOX 731
VERNAL, UTAH 84078

DECEMBER 19, 1996

RESULTS OF PALEONTOLOGY SURVEY AT MORGAN STATE #7-36, NE/NW SECTION 36, T9S, R21E, UINTAH COUNTY, UTAH.

Description of Geology and Topography-

All Rock outcrops in this area are of the Upper Eocene Uinta Formation. The Uinta Formation is primarily composed of fluvial deposits (stream laid) and is seen in the field as a series of interbedded sandstones and mudstones. Most of the sandstones represent paleostream channels and are usually lens shaped in cross section and shoe string-like horizontally. The mudstones usually represent over the bank deposits on ancient flood plains and quite often contain fossils. Fossils also occur in some of the sandstones. The Uinta Formation is known for its fossil vertebrate fauna of mammals, turtles, crocodilians, and occasional fish remains. Plant fossils, though not common have also been found in the Uinta Formation.

The proposed well sits on the south side of a flat bottom draw. There is a very gentle slope to the north with the main drainage running west (north of the wellpad). The access road comes in from the east. There is a low ridge south and a high ridge to the north. Most of the access road and wellpad appear to have a thin cover of alluvium composed of rock fragments, silt and sand.

The well location was visited on December 10, and again on December 16. There was a complete cover of snow on the ground on December 10th. On December 16th, 2/3 to 3/4 of the wellpad and road were still covered with snow. Bare spots were checked for the type of surface exposure and for fossils.

Fossil Material found-

No fossils were found and it was noted that most of the area had a surface cover of sand, silt, and rock fragments.

Recommendations-

Because of the amount of alluvial cover and apparent lack of much rock outcrop, it is felt the surface impact to paleontology will be minimal.

No other recommendations are made for this well location and it is cleared for paleontology.

There is always some potential for encountering vertebrate fossils when working in the Uinta Formation. If important looking fossil material is found, a paleontologist should be called to evaluate it.

Alden H. Henderson
PALEONTOLOGIST

December 29, 1996
DATE

4164 III SW
(RED WASH SW)



ON-SITE PREDRILL EVALUATION

Division of Oil, Gas and Mining

OPERATOR: COASTAL OIL & GAS CORP.

WELL NAME & NUMBER: MORGAN STATE 7-36

API NUMBER: 43-047-32811

LEASE: ML-22265 FIELD/UNIT: NATURAL BUTTES

LOCATION: 1/4, 1/4 NE/NW Sec: 36 TWP: 9S RNG: 21E 660' FNL 1980' FWL

LEGAL WELL SITING: 660F SEC. LINE; 660F 1/4, 1/4 LINE; F ANOTHER WELL.

GPS COORD (UTM): 12627915E 4428421N

SURFACE OWNER: STATE OF UTAH

PARTICIPANTS

DAVID W. HACKFORD (DOGM), SHIELA BREMER, PAUL BRESHEARS (COGC),
ROBERT KAY (UELS), HARLEY JACKSON (JACKSON CONSTRUCTION), JIM JUSTICE
(J-WEST).

REGIONAL/LOCAL SETTING & TOPOGRAPHY

SIGHT IS ON A FAIRLY FLAT AREA SURROUNDED BY LOW HILLS. DRAINAGE IS
TO THE SOUTHEAST.

CURRENT SURFACE USE: MINIMAL LIVESTOCK AND WILDLIFE GRAZING.

PROPOSED SURFACE DISTURBANCE: LOCATION WILL BE 325' BY 235'.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: SEE ATTACHED MAP
FROM GIS DATABASE.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: ALL PRODUCTION
FACILITIES WILL BE ON LOCATION.

SOURCE OF CONSTRUCTION MATERIAL: ALL CONSTRUCTION MATERIAL WILL BE
BORROWED FROM THIS SITE DURING CONSTRUCTION AND IS NATIVE.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED

WASTE MANAGEMENT PLAN:

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. SEWAGE
FACILITIES, STORAGE AND DISPOSAL WILL BE HANDLED BY COMMERCIAL
CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO A
LANDFILL. ANY AND ALL HAZARDOUS WASTES WILL BE DISPOSED OF OFFSITE AT

AN APPROVED FACILITY.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE.

FLORA/FAUNA: NATIVE GRASSES, CHEATGRASS, PRICKLEY PEAR, GREASEWOOD, SALTBRUSH, PRONGHORN, RODENTS, COYOTE, BIRDS.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY CLAY WITH GRAY SHALE.

SURFACE FORMATION & CHARACTERISTICS: UINTAH FORMATION, SOUTH FLANK OF UINTAH MOUNTAINS.

EROSION/SEDIMENTATION/STABILITY: MINOR EROSION, MINOR SEDIMENTATION, NO STABILITY PROBLEMS ANTICIPATED.

PALEONTOLOGICAL POTENTIAL: CLEARED FOR PALEONTOLOGY BY ALDEN H. HAMBLIN.
RESERVE PIT

CHARACTERISTICS: 100' BY 100' AND 10' DEEP.

LINER REQUIREMENTS (Site Ranking Form attached): A LINER WILL NOT BE REQUIRED.

SURFACE RESTORATION/RECLAMATION PLAN

AS PER STATE OF UTAH, TRUST LANDS.

SURFACE AGREEMENT: STATE OF UTAH, TRUST LANDS.

CULTURAL RESOURCES/ARCHAEOLOGY: AN ARCHAEOLOGICAL INVESTIGATION HAS BEEN WAIVED BY JIM COOPER, STATE OF UTAH S.I.T.C.A.

OTHER OBSERVATIONS/COMMENTS

THE ONSITE INVESTIGATION WAS DONE ON A COLD WINDY DAY. UP TO ONE INCH OF SNOW IN PLACES BUT OVER 50% BARE GROUND.

ATTACHMENTS:

PHOTOS OF PROPOSED SITE WILL BE PLACED ON FILE.

DAVID W. HACKFORD
DOGM REPRESENTATIVE

1/7/97 10:30 AM
DATE/TIME



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

January 16, 1997

Coastal Oil & Gas Corporation
P.O. Box 749
Denver, Colorado 80201-0749

Re: Morgan State 7-36 Well, 660' FNL, 1980' FWL, NE NW, Sec. 36,
T. 9 S., R. 21 E., Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-32811.

Sincerely,

R. J. Firth
Associate Director

lwp

Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

Operator: Coastal Oil & Gas Corporation
Well Name & Number: Morgan State 7-36
API Number: 43-047-32811
Lease: ML-22265
Location: NE NW Sec. 36 T. 9 S. R. 21 E.

Conditions of Approval

1. General
Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.
2. Notification Requirements
Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews at (801)538-5334 or Mike Hebertson at (801)538-5333.
3. Reporting Requirements
All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.
4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis dated January 16, 1997 (copy attached).

DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS

Operator Name: COASTAL OIL & GAS CORP.

Name & Number: MORGAN STATE 7-36

API Number: 43-047-32811

Location: 1/4, 1/4 NE/NW Sec. 36 T. 9S R. 21E

Geology/Ground Water:

The base of moderately saline water is at a depth of approximately 3000 feet. There are no high quality aquifers in the area of the project. The proposed casing and cement program will adequately isolate and protect any water encountered. Aquifers that are encountered in this area are generally discontinuous and not subject to recharge.

Reviewer: D. Jarvis

Date: 1-16-97

Surface:

THE PRE-SITE INVESTIGATION OF THE SURFACE HAS BEEN PERFORMED BY FIELD PERSONNEL ON 1/7/97. ALL APPLICABLE SURFACE MANAGEMENT AGENCIES HAVE BEEN NOTIFIED AND THEIR CONCERNS ACCOMMODATED WHERE REASONABLE AND POSSIBLE. A LINER WILL NOT BE REQUIRED FOR THE RESERVE PIT AT THIS SITE. BUT THE RESERVE PIT MUST BE CONSTRUCTED SOUTH OF WELL BORE SO THAT IT WILL BE ENTIRELY IN CUT.

Reviewer: DAVID W. HACKFORD

Date: 1/8/97

Conditions of Approval/Application for Permit to Drill:

THE RESERVE PIT MUST BE CONSTRUCTED SOUTH OF WELL.

STATE OF UTAH, DIV OF OIL, GAS & MINERALS

Operator: COASTAL OIL & GAS CORP | Well Name: MORGAN STATE 7-36

Project ID: 43-047-32811 | Location: SEC 36 - T9S - R21E

Design Parameters:

Mud weight (8.90 ppg) : 0.462 psi/ft
 Shut in surface pressure : 3130 psi
 Internal gradient (burst) : 0.081 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Other : 1.50 (J)
 Body Yield : 1.50 (B)

Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost
1	8,200	4.500	11.60	K-55	LT&C	8,200	3.875	
	Collapse Load Strgth S.F. (psi) (psi)			Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load Strgth S.F. (kips) (kips)	
1	3791	4960	1.308	3791	5350	1.41	95.12	180 1.89 J

Prepared by : MATTHEWS, Salt Lake City, Utah

Date : 01-16-1997

Remarks :

WASATCH MESAVERDE

Minimum segment length for the 8,200 foot well is 1,500 feet.

SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas

temperature of 131°F (Surface 74°F , BHT 189°F & temp. gradient 1.400°/100 ft.)

String type: Production

The mud gradient and bottom hole pressures (for burst) are 0.462 psi/ft and

3,791 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.
 Costs for this design are based on a 1987 pricing model. (Version 1.07)

**Evaluation Ranking Criteria and Ranking Score
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	15	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>10</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	15	
TDS >10000 or Oil Base	20	
Mud Fluid containing high levels of hazardous constituents		<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>

Final Score (Level II Sensitivity)

15

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: COASTAL OIL & GAS CORP.

Well Name: MORGAN STATE 7-36

Api No. 43-047-32811

Section: 36 Township: 9S Range: 21E County: UINTAH

Drilling Contractor

Rig #

SPUDDED:

Date 5/21/97

Time 11:00 AM

How DRY HOLE

Drilling will commence

Reported by SUNDRY NOTICE

Telephone #

Date: 6/2/97 Signed: JLT

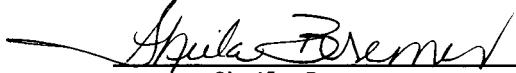
ENTITY ACTION FORM - FORM 6

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	12134	43-047-32811	Morgan State #7-36	NENW	36	9S	21E	Uintah	5/21/97	5/21/97
WELL 1 COMMENTS: This well is in the Natural Buttes Field but is not a part of the Natural Buttes Unit.											
A	99999	12135	43-047-32816	Morgan State #10-36	SENE	36	9S	21E	Uintah	5/22/97	5/22/97
WELL 2 COMMENTS: This well is in the Natural Buttes Field but is not a part of the Natural Buttes Unit.											
A	99999	12136	43-047-32814	Morgan State #12-36	NESE	36	9S	21E	Uintah	5/20/97	5/20/97
WELL 3 COMMENTS: This well is in the Natural Buttes Field but is not a part of the Natural Buttes Unit.											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.


 Signature Sheila Bremer
 Title Environ. & Safety Analyst Date 5/28/97
 Phone No. (303) 573-4455

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone Number.

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well

Footages: 660' FNL & 1980' FWL

QQ, Sec., T., R., M.: NENW Section 36-T9S-R21E

5. Lease Designation and Serial Number

ML-22265

6. Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

Morgan State #7-36

9. API Well Number:

43-047-32811

10. Field and Pool, or Wildcat

Natural Buttes Field

County: Uintah

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon* | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other _____ | Spud Notice |

Date of work completion 5/21/97

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

MI Bill Martin Jr. (air rig) & spud @ 11:00 a.m. on 5/21/97. Drill 11" hole to 255' & ran 6 jts 8-5/8", 24#, K-55, ST&C w/Howco shoe & 3 centr. Cmt w/Halliburton. Pmpd 20 bbls gelled wtr ahead of 85 sx Prem AG w/2% CaCl₂, wt 15.6, yld 1.18. Drop plug & displ w/15.2 bbls wtr, +/- 6-1/2 bbls cmt to pit.

13.

Name & Signature

Sheila Bremer

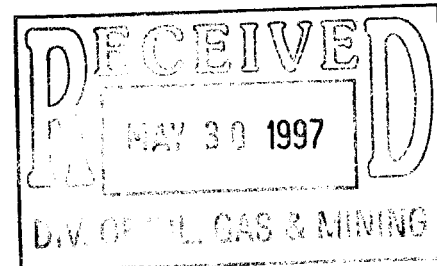
Title

Sheila Bremer

Environmental & Safety Analyst

Date 5/28/97

(This space for State use only)



FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

COPY

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lessee Designation and Serial Number:

See attached spreadsheet

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

See attached spreadsheet

9. API Well Number:

43-047-32811

See attached spreadsheet

10. Field and Pool, or Wildcat:

Natural Buttes

1. Type of Well:

OIL ☐GAS ☒

OTHER:

2. Name of Operator:

Coastal Oil & Gas Corporation

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well:

Footage:

See attached spreadsheet

County: Uintah

State: Utah

QQ, Sec., T., R., M.:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit in Duplicate)

☐ Abandon☐ Repair Casing☐ Change of Plans☐ Convert to Injection☐ Fracture Treat or Acidize☐ Multiple Completion☒ Other Dispose water☐ New Construction☐ Pull or Alter Casing☐ Recompletion☐ Perforate☐ Vent or Flare☐ Water Shut-Off

Approximate date work will start

Upon approval

SUBSEQUENT REPORT

(Submit Original Form Only)

☐ Abandon *☐ Repair Casing☐ Change of Plans☐ Convert to Injection☐ Fracture Treat or Acidize☐ Other☐ New Construction☐ Pull or Alter Casing☐ Perforate☐ Vent or Flare☐ Water Shut-Off

Date of work completion

Report results of bMultiple CompletionsC and bRecompletionsC to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

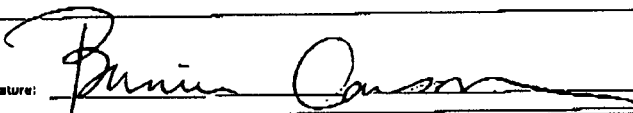
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The Operator requests permission to dispose of produced water from the subject wells to the NBU #159 salt water disposal well. The water will be produced into tanks and transported by truck to the NBU #159. The subject wells are not part of the Natural Buttes Unit; however, the NBU #159 is a Unit well, located NW/SW Section 35, T9S-R21E.

Attached is an analysis of the injection zone water of the NBU #159, as well as a composite analysis of the water produced from three of the Section 36 wells.

13.

Name & Signature:



Bonnie Carson

Title: Senior Environmental Analyst

Date

12/01/97

(This space for State use only)

Accepted by the State
of Utah Division of
Oil, Gas and Mining

Date: 12-2-97

By: 

(5/84)

(See instructions on Reverse Side)

Well Name	Location	Lease #	API #
Morgan State #1-36	2215' FNL & 1876' FWL Sec. 36 T9S-R21E	ML-22265	43-047-30600
Morgan State #2-36	900' FNL & 804' FWL Sec. 36 T9S-R21E	ML-22265	43-047-32585
Morgan State #3-36	521' FNL & 1940' FEL Sec. 36 T9S-R21E	ML-22265	43-047-32589
Morgan State #4-36	1912' FNL & 649' FWL Sec. 36 T9S-R21E	ML-22265	43-047-32729
Morgan State #5-36	2100' FSL & 1800' FEL Sec. 36 T9S-R21E	ML-22265	43-047-32735
Morgan State #6-36	1790' FNL & 712' FWL Sec. 36 T9S-R21E	ML-22265	43-047-32810
Morgan State #7-36	660' FNL & 1980' FWL Sec. 36 T9S-R21E	ML-22265	43-047-32811
Morgan State #8-36	650' FNL & 690' FEL Sec. 36 T9S-R21E	ML-22265	43-047-32812
Morgan State #9-36	1894' FNL & 1978' FEL Sec. 36 T9S-R21E	ML-22265	43-047-32815
Morgan State #10-36	1794' FNL & 649' FEL Sec. 36 T9S-R21E	ML-22265	43-047-32816
Morgan State #11-36	1943' FSL & 1843' FEL Sec. 36 T9S-R21E	ML-22265	43-047-32813
Morgan State #12-36	1992' FSL & 722' FEL Sec. 36 T9S-R21E	ML-22265	43-047-32814
Morgan State #13-36	540' FSL & 815' FEL Sec. 36 T9S-R21E	ML-22265	43-047-32817

EVERGREEN ANALYTICAL, INC.
4036 Youngfield St. Wheat Ridge, CO 80033
(303)425-6021

NBU-159
SWD

Miscellaneous Analyses

Date Sampled : 6/12/93
Date Received : 6/23/93
Client Sample ID.: NBU UINTAH
Lab Sample No. : X72532

Client Project ID. : NBU UIC
Lab Project No. : INJECTION PROJ
Matrix : 93-2120
: Liquid phase

<u>Analysis</u>	<u>Result</u>	<u>Date Prepared</u>	<u>Date Analyzed</u>	<u>Method</u>
pH	7.84	6/23/93	6/23/93	EPA 150.1
Total Dissolved Solids (mg/L)	65200 (6.5%)	6/28/93	6/28/93	EPA 160.1
Specific Gravity @ 60°F	1.0451	6/29/93	6/29/93	ASTM D1217



Analyst



Approved

212001.18

EXHIBIT "G2"

NBU #159

SWD

EVERGREEN ANALYTICAL, INC.
4036 Youngfield St. Wheat Ridge, CO 80033
(303) 425-6021

INORGANIC ANALYSIS DATA SHEET

Date Sampled : 6/12/93
Date Received : 6/23/93
Date Prepared : 6/24/93
Date Analyzed : 6/29/93

NBU UIC
Client Project : INJECTION PROJ.
Lab Project No. : 93-2130
Method : 600/4-79-020
Matrix : Water

Units: mg/L

Basis: Dissolved Metals

Client
Sample# NBU UINTAR

Evergreen
Sample# X72532

Detection
Limits

Ca 26
K 95
Mg 12
Na 23000

0.1
1.5
0.02
0.3

DC
Analyst

WKL
Approved

EVERGREEN ANALYTICAL, INC.
4036 Youngfield Street Wheat Ridge, CO 80033
(303) 425-6021

NBU #759
SWD

Anions

Date Sampled : 6/12/93
Date Received : 6/23/93
Date Prepared : 6/23/93
Date Analyzed : 6/23/93

Client Project ID : NBU UIC INJECTION PROJ
Lab Project No. : 93-2120
Method : EPA Method 300.0

Client Sample ID

Evergreen Sample #

Matrix

Chloride (mg/L)

Nitrite-N (mg/L)*

Sulfate (mg/L)

NBU
QUINTAH

X72532
Liquid
Waste

42800(4.38)


<38.0


3.13

To	For	From
Lab	Steel	Coal
at	Control	7/2 1030
Dept.		
Part	573-4477	Part

PAGE 20

* Sample received after holding time expired. Detection limit raised due to matrix interference.


Analyst


Approved

2120ml.24

EXHIBIT "G3"

FROM : COASTAL OIL & GAS

303 573 4418

1997,

-02

09:29

#077 P.06/07

DEC 1'97 18:15 FR BJ SERVICES-VERNAL 801 789 4530 TO 7894436

P.01

FW01W273

BJ SERVICES COMPANY
WATER ANALYSIS #FW01W273
VERNAL LAB

Morgan State

3-36, 5-36, 13-36

GENERAL INFORMATION

OPERATOR:	COASTAL	DEPTH:	
WELL:	MORGAN STATES-36, 13-36, 3 ²	DATE SAMPLED:	11/19/97
FIELD:	NATURAL BUTTE	DATE RECEIVED:	11/20/97
SUBMITTED BY:		COUNTY:	UINTAH
WORKED BY:	TROY HINEMAN	STATE:	UT
PHONE NUMBER:	789-4436	FORMATION:	WASATCH

SAMPLE DESCRIPTION

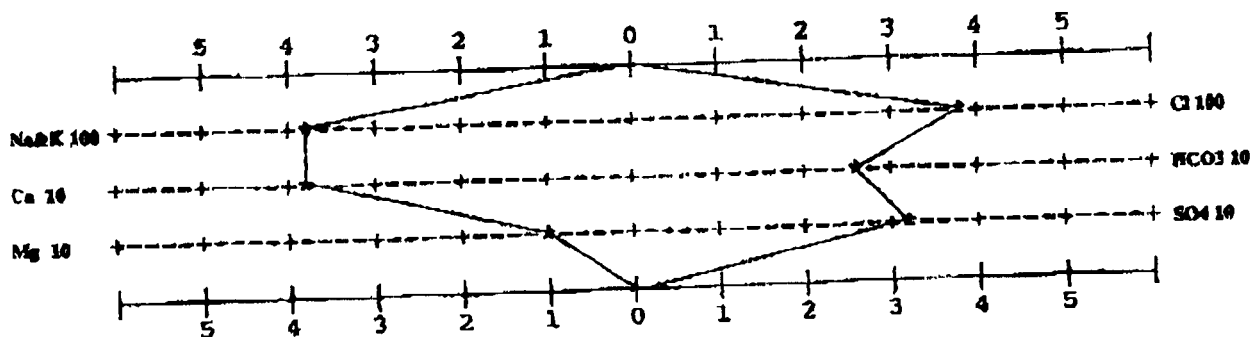
FILTERED WITH A DARK TINT.

PHYSICAL AND CHEMICAL DETERMINATIONS

SPECIFIC GRAVITY:	1.030	@ 68°F	PH:	7.00
RESISTIVITY (CALCULATED):	0.155	ohms @ 75°F		
IRON (FE++) :	50 ppm	SULFATE:		1,553 ppm
CALCIUM:	777 ppm	TOTAL HARDNESS		2,429 ppm
MAGNESIUM:	118 ppm	BICARBONATE:		1,540 ppm
CHLORIDE:	13,201 ppm	SODIUM CHLORIDE (Calc)		21,715 ppm
SODIUM+POTASS:	11,839 ppm	TOT. DISSOLVED SOLIDS:		30,562 ppm
IODINE:		POTASSIUM CHLORIDE:		

REMARKS

CARBOHYDRATES .204

STIFF TYPE PLOT (IN MEQ/L)

ANALYST

TROY HINEMAN

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone Number.

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well

Footages: 660' FNL & 1980' FWL

QQ, Sec., T., R., M.: NENW, Section 36-T9S-R21E

5. Lease Designation and Serial Number

ML-22265

6. Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

Morgan State #7-36

9. API Well Number:

43-047-32811

10. Field and Pool, or Wildcat

Natural Buttes Field

County: Uintah

State: Utah

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon* | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other _____ | First Production |

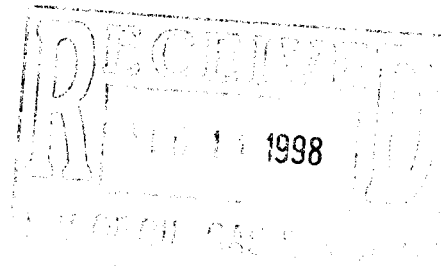
Date of work completion 2/6/98

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

First production for the subject well occurred on 2/6/98.



13.

Name & Signature

Sheila Bremer

Title

Sheila Bremer

Environmental & Safety Analyst

Date 2/6/98

(This space for State use only)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone Number.

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well

Footages: 660' FNL & 1980' FWL

QQ, Sec., T., R., M.: NENW, Section 36-T9S-R21E

5. Lease Designation and Serial Number

ML-22265

6. Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

Morgan State #7-36

9. API Well Number:

43-047-32811

10. Field and Pool, or Wildcat

Natural Buttes Field

County: Uintah

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
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| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon* | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other _____ | Drilling Operations |

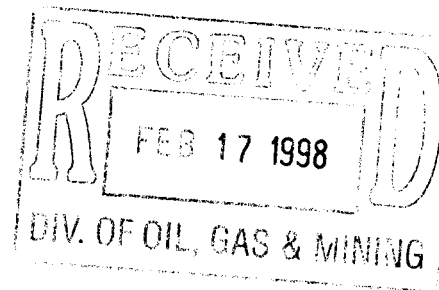
Date of work completion 1/20/98

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see attached chronological well history for work performed.



13.

Name & Signature

Sheila Bremer

Title

Sheila Bremer

Environmental & Safety Analyst

Date 2/13/98

(This space for State use only)

PERC**WELL CHRONOLOGY REPORT****WELL NAME : MORGAN STATE #7-36**FIELD : NATURAL BUTTESCOUNTY & STATE : UINTAHWI% : AFE# : 27062

DHC : CWC :

AFE TOTAL :

DISTRICT : DRLG

LOCATION :

CONTRACTOR : COASTALDRIL

PLAN DEPTH :

SPUD DATE :

FORMATION :

REPORT DATE : 5/22/97 MD : 255 TVD : 0 DAYS : 0 MW : VISC :
 DAILY : DC : \$12,267 CC : \$0 TC : \$12,267 CUM : DC : \$12,267 CC : \$0 TC : \$12,267

DAILY DETAILS : MOVE IN BILL MARTIN JT (AIR RIG) AND SPUD AT 1100 AM 5-21-97. DRILL 11" HOLE TO 255' AND
 RAN 6 JT 8 5/8 24# K-55 ST&C WITH HOWCO SHOE AND 3 CENTRALIZERS CMT WITH
 HALLIBURTON PUMPED 20 BBL GELLED WATER AHEAD OF 85 SK PREM AG WITH 2% CACL2 WT
 15.6 Y 1.18 DROP PLUG AND DISP WITH 15.2 BBLs WATER +/- 6 1/2 BBL CMT TO PIT

REPORT DATE : 1/7/98 MD : 290 TVD : 0 DAYS : 0 MW : VISC :
 DAILY : DC : \$20,482 CC : \$0 TC : \$20,482 CUM : DC : \$32,749 CC : \$0 TC : \$32,749

DAILY DETAILS : MI RU RT'S NU TEST BOPS TEST VALVES, MANIFOLD AND BOP TO 3000 PSI TEST CSG AND
 ANNULAR T/1500 PSI PU BHA TAG CMT AT 240' DRLG CMT AND SHOE TO 268' DRLG TO
 290'

REPORT DATE : 1/8/98 MD : 1,590 TVD : 0 DAYS : MW : VISC :
 DAILY : DC : \$16,462 CC : \$0 TC : \$16,462 CUM : DC : \$49,210 CC : \$0 TC : \$49,210

DAILY DETAILS : DRLG TO 345' TRIP FOR PLUGGED DC DRLG TO 467' CHANGE UPPER KELLY VALVE
 DRLG TO 796' SURVEY AT 750' RIG MAINTENANCE DRLG TO 1309' SURVEY AT 1260'
 DRLG TO 1590'

REPORT DATE : 1/9/98 MD : 2,540 TVD : 0 DAYS : MW : 8.5 VISC : 27
 DAILY : DC : \$28,456 CC : \$0 TC : \$28,456 CUM : DC : \$77,666 CC : \$0 TC : \$77,666

DAILY DETAILS : DRLG TO 1804' SURVEY AT 1760' RIG MAINTENANCE DRLG TO 2304' SURVEY AT 2255'
 DRLG TO 2540'

REPORT DATE : 1/10/98 MD : 3,418 TVD : 0 DAYS : MW : 8.4 VISC : 27
 DAILY : DC : \$12,508 CC : \$0 TC : \$12,508 CUM : DC : \$90,174 CC : \$0 TC : \$90,174

DAILY DETAILS : DRLG TO 2892' SURVEY AT 2850' RIG MAINTENANCE DRLG TO 3418' SURVEY AT 3370'

REPORT DATE : 1/11/98 MD : 4,080 TVD : 0 DAYS : MW : 8.4 VISC : 27
 DAILY : DC : \$11,295 CC : \$0 TC : \$11,295 CUM : DC : \$101,469 CC : \$0 TC : \$101,469

DAILY DETAILS : DRLG TO 3757' RIG MAINTENANCE DRLG TO 3912' SURVEY AT 3865' DRLG TO 4080'

REPORT DATE : 1/12/98 MD : 4,780 TVD : 0 DAYS : MW : 8.4 VISC : 27
 DAILY : DC : \$10,536 CC : \$0 TC : \$10,536 CUM : DC : \$112,005 CC : \$0 TC : \$112,005

DAILY DETAILS : DRLG TO 4379' RIG MAINTENANCE SURVEY AT 4334' DRLG TO 4780'

PERC**WELL CHRONOLOGY REPORT**

REPORT DATE : 1/13/98 MD : 5.390 TVD : 0 DAYS : MW : 8.4 VISC : 27
 DAILY : DC : \$19.051 CC : \$0 TC : \$19.051 CUM : DC : \$131.056 CC : \$0 TC : \$131.056
 DAILY DETAILS : DRLG TO 4844' TRIP FOR BIT #2 DRLG TO 5344' SURVEY AT 5300' DRLG TO 5390'

REPORT DATE : 1/14/98 MD : 6.100 TVD : 0 DAYS : MW : 8.4 VISC : 27
 DAILY : DC : \$12.703 CC : \$0 TC : \$12.703 CUM : DC : \$143.758 CC : \$0 TC : \$143.758
 DAILY DETAILS : DRLG TO 5624' RIG SERVICE DRLG TO 5903' SURVEY AT 5858' DRLG TO 6100'

REPORT DATE : 1/15/98 MD : 6.776 TVD : 0 DAYS : MW : 8.5 VISC : 27
 DAILY : DC : \$13.059 CC : \$0 TC : \$13.059 CUM : DC : \$156.818 CC : \$0 TC : \$156.818
 DAILY DETAILS : DRLG TO 6403' SURVEY AT 6358' DRLG TO 6776'

REPORT DATE : 1/16/98 MD : 7.180 TVD : 0 DAYS : MW : 8.5 VISC : 27
 DAILY : DC : \$17.501 CC : \$0 TC : \$17.501 CUM : DC : \$174.319 CC : \$0 TC : \$174.319
 DAILY DETAILS : DRLG TO 6899' SURVEY AT 6854' DRLG TO 7116' CIRC FOR BIT TRIP POOH PU BIT #3,
 TIH WASH AND REAM 75' TO BOTTOM NO FILL DRLG TO 7180' NO DRLG BREAKS

REPORT DATE : 1/17/98 MD : 7.640 TVD : 0 DAYS : MW : 8.5 VISC : 27
 DAILY : DC : \$12.895 CC : \$0 TC : \$12.895 CUM : DC : \$187.214 CC : \$0 TC : \$187.214
 DAILY DETAILS : DRLG 7180-7640'

REPORT DATE : 1/18/98 MD : 8.010 TVD : 0 DAYS : 11 MW : 8.5 VISC : 27
 DAILY : DC : \$11.523 CC : \$0 TC : \$11.523 CUM : DC : \$198.736 CC : \$0 TC : \$198.736
 DAILY DETAILS : DRLG 7640-8010'

REPORT DATE : 1/19/98 MD : 8.017 TVD : 0 DAYS : 12 MW : 8.5 VISC : 27
 DAILY : DC : \$26.919 CC : \$0 TC : \$26.919 CUM : DC : \$225.656 CC : \$0 TC : \$225.656
 DAILY DETAILS : DRLG TO 8017' CIRC AND COND FOR SHORT TRIP SHORT TRIP TO 4100' NO FILL CIRC
 BTMS UP SPOT 400 BBLs 10# GELLED BRINE TOOH FOR E LOGS RU SCHLUMBERGER, RIH
 WITH PLATFORM EXPRESS, TAG AT 8015'. LOG TO 268', RD SCHLUMBERGER TIH RU LD
 CREW LD DP

REPORT DATE : 1/20/98 MD : 8.018 TVD : 0 DAYS : 13 MW : VISC :
 DAILY : DC : \$0 CC : \$136.063 TC : \$136.063 CUM : DC : \$225.656 CC : \$136.063 TC : \$361.719
 DAILY DETAILS : LD DP BRK KELLEY LD BHA RU CSG CREW PU FS 1 JT FC, 26 CENTRALIZERS EO JT, 4
 ACROSS, TRONA 1800-1400, RIH WITH 176 JTS 4 1/2 11.6# N-80 LTC CSG, SHORT JT AT 4995,
 TOTAL PIPE 8048' - TAG AT 8000'. CIRC TO BTM CIRC BTMS UP VOLUME NO RETURNS RU
 DOWELL TO CEMENT, PUMP 10 BBLs 40# GEL, 80 BBL FW SPACER, 350 SKS HI LIFT G 12 PPG,
 166 BBLs, 2.66 YIELD, 1173 SKS SELF STRESS II 14.5 PPG 319 BBLs, 1.53 YIELD, DROP PLUG,
 DISPLACE WITH 123 BBLs 2% KCL WATER, BUMP PLUG AT 500 PSI OVER DIFFERENTIAL.
 FLOATS HELD RD DOWELL SET CSG SLIPS AT 90000# TENSION ND BOP CUT OFF CSG
 CLEAN PITS RELEASE RT'S AT 8 PM TO MORGAN STATE 6-36

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number

ML-22265

6. Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

Morgan State #7-36

9. API Well Number:

43-047-32811

10. Field and Pool, or Wildcat

Natural Buttes Field

SUNDRY NOTICES AND REPORTS ON WELLS

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Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone Number.

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well

Footages: 660' FNL & 1980' FWL

County: Uintah

QQ, Sec., T., R., M.: NENW, Section 36-T9S-R21E

State: Utah

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

11.

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon* | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other _____ | Completion Operations |

Date of work completion 2/16/98

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see attached chronological history for completion operations performed on the subject well.

13.

Name & Signature

*Sheila Bremer*Title Environmental & Safety AnalystDate 3/19/98

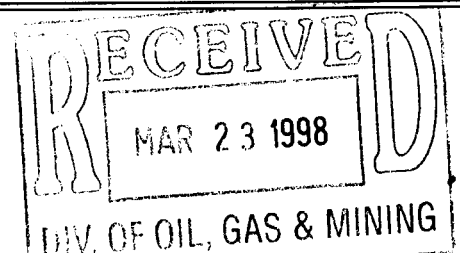
(This space for State use only)

**Accepted by the
Utah Division of
Oil, Gas and Mining**

(5/94)

FOR RECORD ONLY

(See Instructions on Reverse Side)



PERC**WELL CHRONOLOGY REPORT****WELL NAME : MORGAN STATE #7-36**FIELD : NATURAL BUTTESCOUNTY & STATE : UINTAHWI% : AFE# : 27062

DHC : CWC :

API# : 43-047-32811

AFE TOTAL :

DISTRICT : DRLG

LOCATION :

CONTRACTOR : COASTALDRIL

PLAN DEPTH :

SPUD DATE : 5/21/97

FORMATION :

REPORT DATE : 1/31/98MD : 8.018TVD : 0DAYS : 14

MW :

VISC :

DAILY : DC : \$0CC : \$4.406TC : \$4.406CUM : DC : \$225.656CC : \$140.469TC : \$366.125

DAILY DETAILS : MIRU CWS #26. NU FRAC VALVE STRAP & PU 40 JTS 2 3/8 TBG. EOT 1200' SDFN.

REPORT DATE : 2/1/98MD : 7.974TVD : 0DAYS : 15

MW :

VISC :

DAILY : DC : \$0CC : \$3.230TC : \$3.230CUM : DC : \$225.656CC : \$143.699TC : \$369.355

DAILY DETAILS : PU 2 3/8 TBG. TAG @ 7974'. LAND TBG & NU BOP. PULL HANGER & DISPL HOLE W/111 BBL FILTERED 3% KCL. LD 11 JTS. POOH. SDFN. BBLS FLUID PMPD 111, BBLS LEFT TO REC 111

REPORT DATE : 2/2/98MD : 7.974TVD : 0

DAYS :

MW :

VISC :

DAILY : DC : \$0CC : \$0TC : \$0CUM : DC : \$225.656CC : \$143.699TC : \$369.355

DAILY DETAILS : SHUT DOWN.

REPORT DATE : 2/3/98MD : 7.974TVD : 0DAYS : 16

MW :

VISC :

DAILY : DC : \$0CC : \$8.800TC : \$8.800CUM : DC : \$225.656CC : \$152.499TC : \$378.155

DAILY DETAILS : MI & RU SCHL. RAN GR-CCL-CBL LOG 7970-2800' W/1000 PSI ON CSG. GOOD CMT BOND. TOP OF CMT @ 2050'. PRESS TEST CSG & BOP TO 6000 PSI. OK. PERF 8 INTERVALS W/3 3/8" PORT PLUG GUN AS FOLLOWS: 6732 (1), 6736 (1), 7093 (1), 7099 (1), 7290 (1), 7304 (1), 7575 (1), 7620 (2). TOTAL 9 HOLES. RD SCH. RIH W/TBG TO 6610'. SDFN.

REPORT DATE : 2/4/98MD : 7.974TVD : 0

DAYS :

MW :

VISC :

DAILY : DC :

CC :

TC :

CUM : DC : \$225.656CC : \$152.499TC : \$378.155

DAILY DETAILS : WO ACID & FRAC.

REPORT DATE : 2/5/98MD : 7.974TVD : 0DAYS : 17

MW :

VISC :

DAILY : DC : \$0CC : \$4.744TC : \$4.744CUM : DC : \$225.656CC : \$157.243TC : \$382.899

DAILY DETAILS : ITP 850, ICP 850 PSI. BLEW DWN. RIH W/17 STDS EOT 7620'. RU BJ SERVICES. HELD SAFETY MEETING. TEST LINES TO 3000 PSI. BROKE CIRC W/3 BBLS. PMP 600 GAL 15% HCL. DISPL W/25 BBLS 3% KCL. RD BJ. LD 44 JTS. POOH & ND BOP. SIFN. READY TO FRAC. BBLS FLUID PMPD 42, BBLS LEFT TO REC 42

PERC**WELL CHRONOLOGY REPORT**

REPORT DATE : 2/6/98 MD : 7.974 TVD : 0 DAYS : 18 MW : VISC :
 DAILY : DC : \$0 CC : \$92,540 TC : \$92,540 CUM : DC : \$225,656 CC : \$249,783 TC : \$475,439

DAILY DETAILS : MI RU DOWELL FRAC EQUIP. HOLD SAFETY MEETING & PT LINES TO 5000 PSI. PMP INJ TEST ON PERFS 6732-7620'. BRK DWN @ 1820 PSI TO 3190 PSI @ 25 BPM. ISIP 1640 PSI. CALC ALL 9 PERFS OPEN. FRAC W/60,580 GAL YF-125LGM + 130,000# 20/40 SD. RAMPED 2 PPG TO 6 PPG & 20,000# 20/40 RC SAND @ 6 PPG. AVG INJ RATE 30 BPM @ 3300 PSI. MAX PRESS 4200 PSI, ISIP 2400 PSI, 5 MIN 1966 PSI. RU SCHL. SET ARROW RBP @ 6440'. PERF 9 HOLES W/3 3/8" PORT PLUG GUN AS FOLLOWS: 4877 (1), 4884 (1), 5176 (1), 5183 (2), 5527 (2), 6129 (2). SICP 0 BEFORE & AFTER. PMP INJ TEST ON PERFS 4877-6129'. BRK DWN @ 789 PSI TO 2925 PSI @ 27 BPM. ISIP 1100 PSI. CALC ALL 9 HOLES OPEN. FRAC W/23,580 GAL YF-125LGM + 55,000# 20/40 SD RAMPED 2 PPG TO 6 PPG & 20,000# 20/40 RC SAND @ 6 PPG. AVG INJ RATE 30 BPM @ 3000 PSI, MAX PRESS 3600 PSI, ISIP 1825 PSI, 5 MIN 1771 PSI, 10 MIN 1703 PSI, 15 MIN 1662 PSI. SICP 1550 PSI, START FLOW BACK, 14/64" CK. RDMO DOWELL.

TIME...FCP...CK...BW/HR....
 1:30P...850...14/64...33.6...NO GAS...NO SD
 2:30...400...16/64...53.8...NO GAS...NO SD
 3:30...100...18/64...17.0...WTR SLI GAS CUT...NO SD
 4:30...100...18...18.9...WTR GAS CUT...MED SD
 5:30...100...18...19...M
 6:30...50...18...15...M...CHECK CHOKE
 7:30...200...18...21...M
 8:30...200...18...21...M...DRAIN TANK
 9:30...350...18...21...M
 10:30...500...18...19...M
 11:30...700...18...18...M...CH CHOKE
 12:30A...800...18...20...L...DRAIN TANK
 1:30...850...18...12...L
 2:30...850...18...10...L
 3:30...800...18...2...L
 4:30...800...18...6...L...GETTING LESS SAND
 5:30...800...18...4...L-T
 6:30...800...18...4...L...

GAS RATE 750 MCF/D, TOTAL WTR 205 BBLS, TOTAL LTR 1922.

REPORT DATE : 2/7/98 MD : 7.974 TVD : 0 DAYS : 19 MW : VISC :
 DAILY : DC : \$0 CC : \$5,261 TC : \$5,261 CUM : DC : \$225,656 CC : \$255,044 TC : \$480,700

DAILY DETAILS : 800 PSI CP ON 18/64 CK. INC CK TO 48/CK TO BLOW PRESS DWN. PMP & KILL WELL W/80 BBLS 3% KCL WTR. RIH W/RETR TOOL & 2 3/8 TBG. TAG FILL @ 6231'. CIRC SD OFF OF RBP TO 6440'. CIRC HOLE CLEAN. LATCH ON RBP. POOH W/2 3/8 TBG & RBP. PMP 110 BBLS. WELL WOULD NOT DIE. LEFT WELL FLWG OVERNIGHT. SDFN. BBLS FLUID PMPD 550, BBLS FLUID REC 350, BBLS LTR 200

FLOW BACK REPORT
 TIME...CP...CH...WTR...SD
 8:30P...50...48...48...TR
 9:30...50...48...57...TR
 10:30...400...48...158...TR
 11:30...300...48...145...TR
 12:30...380...48...52...TR
 1:30...380...48...50...TR
 2:30...360...48...50...TR
 3:30...350...48...52...TR...OPEN CHOKE
 4:30...275...OPEN...25...TR
 5:30...250...OPEN...23...TR
 6:30...200...OPEN...20...TR

GAS RATE 1500 MCF/D, TOTAL WTR 680 BBLS, TOTAL LTR 1647 BBLS.

REPORT DATE : 2/8/98 MD : 7.974 TVD : 0 DAYS : 20 MW : VISC :
 DAILY : DC : \$0 CC : \$7,743 TC : \$7,743 CUM : DC : \$225,656 CC : \$262,787 TC : \$488,443

DAILY DETAILS : WELL FLWG ON 48 CHOKE 200 PSI CSG, 80 BBLS 3% KCL. RIH W/PROD STRING. TAG SD @ 7084'. RU AIR FOAM UNIT. BREAK CIRC. CLEAN SD F/7084-7500'. PU PIPE TO 7828'. TAG CIRC CLEAN. KILL TBG W/15 BBLS 3% KCL. LD SWIVEL & 2 JTS. STAND BACK 46 STDS. EOT 4836'. SIFN. BBLS FLUID PMPD 140, BBLS FLUID REC 525, BBLS LEFT TO REC -385

PERC**WELL CHRONOLOGY REPORT**

REPORT DATE : 2/9/98 MD : 7.974 TVD : 0 DAYS : 21 MW : VISC :
 DAILY : DC : \$0 CC : \$28.185 TC : \$28.185 CUM : DC : \$225.656 CC : \$290.972 TC : \$516.628

DAILY DETAILS : SICP 1960 PSI, SITP 1600 PSI. BLW WELL DWN. PMP 20 BBLS 3% KCL DWN TBG. RIH W/TBG. TAG SD @ 7662'. LD 9 JTS TBG. PU HANGER & LAND W/243 JTS 4.7#, J-55 W/NC & SN. EOT @ 7619', SN @ 7586'. RD FLOOR & TBG EQUIP. ND BOPS & FRAC VALVE. NU WH & FLOWLINE. RU & SWB IFL 1800'. MADE 4 RUNS, REC 34 BW. FFL FLWG ON 48/64 CH. RDMO PU. WELL FLWD 106 BBLS WTR. CHG CH TO 20/64 FCP 1425 PSI, FTP 160 PSI. TURN WELL OVER TO FLOW BACK CREW @ 4:00 PM. ROAD RIG TO S #11-36. MI & SDFD @ 6:30 PM. BBLS FLUID PMPD 20, BBLS FLUID REC 140, BBLS LTR -120

FLOW BACK REPORT

TIME...CP...TP...CH...WTR...SD

4:30P...1450...150...48...TR

5:00...1450...325...20...12...TR

6:00...1425...200...20...4...TR

7:00...1500...300...20...9...TR

8:00...1510...300...20...13...TR

9:00...1510...300...20...17...TR

10:00...1500...550...20...13...TR

11:00...1450...700...20...16...TR

12:00...1400...900...20...17...TR

1:00A...1400...900...20...13...TR

2:00...1400...900...20...17...TR

3:00...1400...900...20...8...TR

4:00...1390...900...20...8...TR

5:00...1350...900...20...8...TR

6:00...1350...900...20...8...TR

GAS RATE 2000 MCF/D, TOTAL WTR 163 BBLS, TOTAL LTR 1659 BBLS

REPORT DATE : 2/10/98 MD : 7.974 TVD : 0 DAYS : 22 MW : VISC :
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$225.656 CC : \$290.972 TC : \$516.628

DAILY DETAILS : FLWG 862 MCF, 240 BW, FTP 480#, CP 1200#, 18/64" CK, LLTR 786 BBLS.

REPORT DATE : 2/11/98 MD : 7.974 TVD : 0 DAYS : 23 MW : VISC :
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$225.656 CC : \$290.972 TC : \$516.628

DAILY DETAILS : FLWG 1053 MCF, 260 BW, FTP 900#, 19/64" CK, 24 HRS, LLTR 526 BBLS.

REPORT DATE : 2/12/98 MD : 7.974 TVD : 0 DAYS : 24 MW : VISC :
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$225.656 CC : \$290.972 TC : \$516.628

DAILY DETAILS : FLWG 1083 MCF, 137 BW, FTP 875#, CP 1100#, 19/64" CK, 24 HRS, LLTR 389 BBLS.

REPORT DATE : 2/13/98 MD : 7.974 TVD : 0 DAYS : 25 MW : VISC :
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$225.656 CC : \$290.972 TC : \$516.628

DAILY DETAILS : FLWG 1330 MCF, 117 BW, FTP 710#, CP 960#, 26/64" CK, 23 HRS, LLTR 272 BBLS.

REPORT DATE : 2/14/98 MD : 7.974 TVD : 0 DAYS : 26 MW : VISC :
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$225.656 CC : \$290.972 TC : \$516.628

DAILY DETAILS : FLWG 1380 MCF, 114 BW, FTP 550#, CP 900#, 30/64" CK, 24 HRS, LLTR 158 BBLS.

PERC**WELL CHRONOLOGY REPORT**

REPORT DATE : **2/15/98** MD : 7.974 TVD : 0 DAYS : 27 MW : VISC :
DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$225.656 CC : \$290.972 TC : \$516.628
DAILY DETAILS : FLWG 1327 MCF, 114 BW, FTP 510#, CP 875#, 30/64" CK, 24 HRS, LLTR 44 BBLS.

REPORT DATE : **2/16/98** MD : 7.974 TVD : 0 DAYS : 28 MW : VISC :
DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$225.656 CC : \$290.972 TC : \$516.628
DAILY DETAILS : FLWG 1275 MCF, 105 BW, FTP 460#, CP 850#, 40/64" CK, 24 HRS, LLTR 0 (61 BBLS OVERLOAD). IP
DATE: 2/14/98 - FLWG 1380 MCF, 114 BW, FTP 550#, CP 900#, 30/64" CK, 24 HRS. - FINAL REPORT

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____
 b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR

P.O. Box 749, Denver, CO 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface

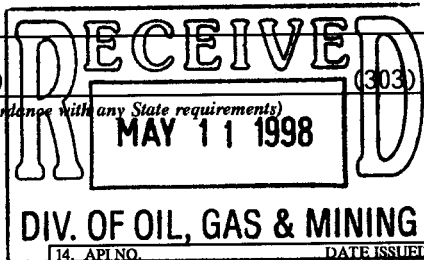
660' FNL & 1980' FWL

At top prod. interval reported below

Same as above

At total depth

Same as above



43-047-32811

1/16/97

15. DATE SPUDDED

5/21/97

16. DATE T.D. REACHED

1/20/98

17. DATE COMPL.

2/9/98

(Ready to prod.)

or

(Plug & Abd.)

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)

4988'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

8017'

21. PLUG, BACK T.D., MD & TVD

7974'

22. IF MULTIPLE COMPL.,

HOW MANY

23. INTERVALS

DRILLED BY

ROTARY TOOLS

YES

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)

4877' - 7620' Wasatch and Mesaverde

25. WAS DIRECTIONAL

SURVEY MADE

Single Shot

26. TYPE ELECTRIC AND OTHER LOGS RUN

HALS/LDT/CNL/GR/CAL, GR/CCL/CBL

27. Was Well Cored

YES ☐NO ☒

(Submit analysis)

Drill System Test

YES ☐NO ☒

(See reverse side)

CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8" K-55	24#	255'	11"	See chrono 5/22/97	6.5 bbls
4 1/2" N--80	11.6#	8017'	7 7/8"	See chrono 1/20/98	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	7619'	

31. PERFORATION RECORD (Interval, size and number)

3 3/8" Gun: 6732'(1), 6736'(1), 7093'(1), 7099'(1)

7290'(1), 7304'(1), 7575'(1), 7620'(2) (9 total)

3 3/8" Gun: 4877'(1), 4884'(1), 5176'(1), 5183'(2)

5527'(2), 6129'(2) (9 total)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6732' - 7620'	See chrono 2/5/98, 2/6/98
4877' - 6129'	See chrono 2/6/98

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)				WELL STATUS (Producing or shut-in)	
2/6/98		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO
2/14/98	24	30/64			1380	114	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	
550	900						

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Chronological History

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Bonnie Carson
TITLE Senior Environmental Analyst

DATE 5/7/98

See Spaces for Additional Data on Reverse Side

INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachment. ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details for any multiple stage cementing and the location of cementing tool.

ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

37. SUMMARY OF POROUS ZONES:				38. GEOLOGIC MARKERS		
Formation	Top	Bottom	Description, contents, etc.	Name	Top	
					Meas. Depth	True Vert. Depth
				Wasatch	4650 (+352)	
				Mesaverde	7334 (-2332)	

PERC**WELL CHRONOLOGY REPORT****WELL NAME : MORGAN STATE #7-36**FIELD : NATURAL BUTTESCOUNTY & STATE : UINTAHWI% : AFE# : 27062

DHC : CWC :

AFE TOTAL :

DISTRICT : DRLG

LOCATION :

CONTRACTOR : COASTALDRIL

PLAN DEPTH :

SPUD DATE : 5/21/97

FORMATION :

REPORT DATE : 1/7/98MD : 290TVD : 0DAYS : 0

MW :

VISC :

DAILY : DC : \$20,482CC : \$0TC : \$20,482CUM : DC : \$32,749CC : \$0TC : \$32,749

DAILY DETAILS : MI RU RT'S NU TEST BOPS TEST VALVES, MANIFOLD AND BOP TO 3000 PSI TEST CSG AND ANNULAR T/1500 PSI PU BHA TAG CMT AT 240' DRLG CMT AND SHOE TO 268' DRLG TO 290'

REPORT DATE : 1/8/98MD : 1,590TVD : 0

DAYS :

MW :

VISC :

DAILY : DC : \$16,462CC : \$0TC : \$16,462CUM : DC : \$49,210CC : \$0TC : \$49,210

DAILY DETAILS : DRLG TO 345' TRIP FOR PLUGGED DC DRLG TO 467' CHANGE UPPER KELLY VALVE DRLG TO 796' SURVEY AT 750' RIG MAINTENANCE DRLG TO 1309' SURVEY AT 1260' DRLG TO 1590'

REPORT DATE : 1/9/98MD : 2,540TVD : 0

DAYS :

MW : 8.5VISC : 27DAILY : DC : \$28,456CC : \$0TC : \$28,456CUM : DC : \$77,666CC : \$0TC : \$77,666

DAILY DETAILS : DRLG TO 1804' SURVEY AT 1760' RIG MAINTENANCE DRLG TO 2304' SURVEY AT 2255' DRLG TO 2540'

REPORT DATE : 1/10/98MD : 3,418TVD : 0

DAYS :

MW : 8.4VISC : 27DAILY : DC : \$12,508CC : \$0TC : \$12,508CUM : DC : \$90,174CC : \$0TC : \$90,174

DAILY DETAILS : DRLG TO 2892' SURVEY AT 2850' RIG MAINTENANCE DRLG TO 3418' SURVEY AT 3370'

REPORT DATE : 1/11/98MD : 4,080TVD : 0

DAYS :

MW : 8.4VISC : 27DAILY : DC : \$11,295CC : \$0TC : \$11,295CUM : DC : \$101,469CC : \$0TC : \$101,469

DAILY DETAILS : DRLG TO 3757' RIG MAINTENANCE DRLG TO 3912' SURVEY AT 3865' DRLG TO 4080'

REPORT DATE : 1/12/98MD : 4,780TVD : 0

DAYS :

MW : 8.4VISC : 27DAILY : DC : \$10,536CC : \$0TC : \$10,536CUM : DC : \$112,005CC : \$0TC : \$112,005

DAILY DETAILS : DRLG TO 4379' RIG MAINTENANCE SURVEY AT 4334' DRLG TO 4780'

REPORT DATE : 1/13/98MD : 5,390TVD : 0

DAYS :

MW : 8.4VISC : 27DAILY : DC : \$19,051CC : \$0TC : \$19,051CUM : DC : \$131,056CC : \$0TC : \$131,056

DAILY DETAILS : DRLG TO 4844' TRIP FOR BIT #2 DRLG TO 5344' SURVEY AT 5300' DRLG TO 5390'

REPORT DATE : 1/14/98MD : 6,100TVD : 0

DAYS :

MW : 8.4VISC : 27DAILY : DC : \$12,703CC : \$0TC : \$12,703CUM : DC : \$143,758CC : \$0TC : \$143,758

DAILY DETAILS : DRLG TO 5624' RIG SERVICE DRLG TO 5903' SURVEY AT 5858' DRLG TO 6100'

PERC**WELL CHRONOLOGY REPORT**

REPORT DATE : 1/15/98 MD : 6,776 TVD : 0 DAYS : MW : 8.5 VISC : 27
 DAILY : DC : \$13,059 CC : \$0 TC : \$13,059 CUM : DC : \$156,818 CC : \$0 TC : \$156,818
 DAILY DETAILS : DRLG TO 6403' SURVEY AT 6358' DRLG TO 6776'

REPORT DATE : 1/16/98 MD : 7,180 TVD : 0 DAYS : MW : 8.5 VISC : 27
 DAILY : DC : \$17,501 CC : \$0 TC : \$17,501 CUM : DC : \$174,319 CC : \$0 TC : \$174,319
 DAILY DETAILS : DRLG TO 6899' SURVEY AT 6854' DRLG TO 7116' CIRC FOR BIT TRIP POOH PU BIT #3,
 TIH WASH AND REAM 75' TO BOTTOM NO FILL DRLG TO 7180' NO DRLG BREAKS

REPORT DATE : 1/17/98 MD : 7,640 TVD : 0 DAYS : MW : 8.5 VISC : 27
 DAILY : DC : \$12,895 CC : \$0 TC : \$12,895 CUM : DC : \$187,214 CC : \$0 TC : \$187,214
 DAILY DETAILS : DRLG 7180-7640'

REPORT DATE : 1/18/98 MD : 8,010 TVD : 0 DAYS : 11 MW : 8.5 VISC : 27
 DAILY : DC : \$11,523 CC : \$0 TC : \$11,523 CUM : DC : \$198,736 CC : \$0 TC : \$198,736
 DAILY DETAILS : DRLG 7640-8010'

REPORT DATE : 1/19/98 MD : 8,017 TVD : 0 DAYS : 12 MW : 8.5 VISC : 27
 DAILY : DC : \$26,919 CC : \$0 TC : \$26,919 CUM : DC : \$225,656 CC : \$0 TC : \$225,656
 DAILY DETAILS : DRLG TO 8017' CIRC AND COND FOR SHORT TRIP SHORT TRIP TO 4100' NO FILL CIRC
 BTMS UP SPOT 400 BBLs 10# GELLED BRINE TOOH FOR E LOGS RU SCHLUMBERGER, RIH
 WITH PLATFORM EXPRESS, TAG AT 8015'. LOG TO 268', RD SCHLUMBERGER TIH RU LD
 CREW LD DP

REPORT DATE : 1/20/98 MD : 8,017 TVD : 0 DAYS : 13 MW : VISC :
 DAILY : DC : \$0 CC : \$136,063 TC : \$136,063 CUM : DC : \$225,656 CC : \$136,063 TC : \$361,719
 DAILY DETAILS : LD DP BRK KELLEY LD BHA RU CSG CREW PU FS 1 JT FC, 26 CENTRALIZERS EO JT, 4
 ACROSS, TRONA 1800-1400, RIH WITH 176 JTS 4 1/2 11.6# N-80 LTC CSG, SHORT JT AT 4995,
 TOTAL PIPE 8048' - TAG AT 8000'. CIRC TO BTM CIRC BTMS UP VOLUME NO RETURNS RU
 DOWELL TO CEMENT, PUMP 10 BBLs 40# GEL, 80 BBL FW SPACER, 350 SKS HI LIFT G 12 PPG,
 166 BBLs, 2.66 YIELD, 1173 SKS SELF STRESS II 14.5 PPG 319 BBLs, 1.53 YIELD, DROP PLUG,
 DISPLACE WITH 123 BBLs 2% KCL WATER, BUMP PLUG AT 500 PSI OVER DIFFERENTIAL.
 FLOATS HELD RD DOWELL SET CSG SLIPS AT 90000# TENSION ND BOP CUT OFF CSG
 CLEAN PITS RELEASE RT'S AT 8 PM TO MORGAN STATE 6-36

REPORT DATE : 1/21/98 MD : 8,017 TVD : 0 DAYS : MW : VISC :
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$225,656 CC : \$136,063 TC : \$361,719
 DAILY DETAILS : 1/21/98-1/30/98 WAITING ON COMPLETION.

REPORT DATE : 1/31/98 MD : 8,017 TVD : 0 DAYS : 14 MW : VISC :
 DAILY : DC : \$0 CC : \$4,406 TC : \$4,406 CUM : DC : \$225,656 CC : \$140,469 TC : \$366,125
 DAILY DETAILS : MIRU CWS #26. NU FRAC VALVE STRAP & PU 40 JTS 2 3/8 TBG. EOT 1200' SDFN.

PERC**WELL CHRONOLOGY REPORT**

REPORT DATE : 2/1/98 MD : 7,974 TVD : 0 DAYS : 15 MW : VISC :
 DAILY : DC : \$0 CC : \$3,230 TC : \$3,230 CUM : DC : \$225,656 CC : \$143,699 TC : \$369,355
 DAILY DETAILS : PU 2 3/8 TBG. TAG @ 7974'. LAND TBG & NU BOP. PULL HANGER & DISPL HOLE W/111 BBL
 FILTERED 3% KCL. LD 11 JTS. POOH. SDFN. BBLS FLUID PMPD 111, BBLS LEFT TO REC 111

REPORT DATE : 2/2/98 MD : 7,974 TVD : 0 DAYS : MW : VISC :
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$225,656 CC : \$143,699 TC : \$369,355
 DAILY DETAILS : SHUT DOWN.

REPORT DATE : 2/3/98 MD : 7,974 TVD : 0 DAYS : 16 MW : VISC :
 DAILY : DC : \$0 CC : \$8,800 TC : \$8,800 CUM : DC : \$225,656 CC : \$152,499 TC : \$378,155
 DAILY DETAILS : MI & RU SCHL. RAN GR-CCL-CBL LOG 7970-2800' W/1000 PSI ON CSG. GOOD CMT BOND. TOP
 OF CMT @ 2050'. PRESS TEST CSG & BOP TO 6000 PSI. OK. PERF 8 INTERVALS W/3 3/8" PORT
 PLUG GUN AS FOLLOWS: 6732 (1), 6736 (1), 7093 (1), 7099 (1), 7290 (1), 7304 (1), 7575 (1), 7620 (2).
 TOTAL 9 HOLES. RD SCH. RIH W/TBG TO 6610'. SDFN.

REPORT DATE : 2/4/98 MD : 7,974 TVD : 0 DAYS : MW : VISC :
 DAILY : DC : CC : TC : CUM : DC : \$225,656 CC : \$152,499 TC : \$378,155
 DAILY DETAILS : WO ACID & FRAC.

REPORT DATE : 2/5/98 MD : 7,974 TVD : 0 DAYS : 17 MW : VISC :
 DAILY : DC : \$0 CC : \$4,744 TC : \$4,744 CUM : DC : \$225,656 CC : \$157,243 TC : \$382,899
 DAILY DETAILS : ITP 850, ICP 850 PSI. BLEW DWN. RIH W/17 STDS EOT 7620'. RU BJ SERVICES. HELD SAFETY
 MEETING. TEST LINES TO 3000 PSI. BROKE CIRC W/3 BBLS. PMP 600 GAL 15% HCL. DISPL
 W/25 BBLS 3% KCL. RD BJ. LD 44 JTS. POOH & ND BOP. SIFN. READY TO FRAC. BBLS FLUID
 PMPD 42, BBLS LEFT TO REC 42

PERC**WELL CHRONOLOGY REPORT**

REPORT DATE : 2/6/98 MD : 7.974 TVD : 0 DAYS : 18 MW : VISC :
 DAILY : DC : \$0 CC : \$92,540 TC : \$92,540 CUM : DC : \$225,656 CC : \$249,783 TC : \$475,439

DAILY DETAILS : MI RU DOWELL FRAC EQUIP. HOLD SAFETY MEETING & PT LINES TO 5000 PSI. PMP INJ TEST ON PERFS 6732-7620'. BRK DWN @ 1820 PSI TO 3190 PSI @ 25 BPM. ISIP 1640 PSI. CALC ALL 9 PERFS OPEN. FRAC W/60,580 GAL YF-125LGM + 130,000# 20/40 SD. RAMPED 2 PPG TO 6 PPG & 20,000# 20/40 RC SAND @ 6 PPG. AVG INJ RATE 30 BPM @ 3300 PSI. MAX PRESS 4200 PSI, ISIP 2400 PSI, 5 MIN 1966 PSI. RU SCHL. SET ARROW RBP @ 6440'. PERF 9 HOLES W/3 3/8" PORT PLUG GUN AS FOLLOWS: 4877 (1), 4884 (1), 5176 (1), 5183 (2), 5527 (2), 6129 (2). SICP 0 BEFORE & AFTER. PMP INJ TEST ON PERFS 4877-6129'. BRK DWN @ 789 PSI TO 2925 PSI @ 27 BPM. ISIP 1100 PSI. CALC ALL 9 HOLES OPEN. FRAC W/23,580 GAL YF-125LGM + 55,000# 20/40 SD RAMPED 2 PPG TO 6 PPG & 20,000# 20/40 RC SAND @ 6 PPG. AVG INJ RATE 30 BPM @ 3000 PSI, MAX PRESS 3600 PSI, ISIP 1825 PSI, 5 MIN 1771 PSI, 10 MIN 1703 PSI, 15 MIN 1662 PSI. SICP 1550 PSI, START FLOW BACK, 14/64" CK. RDMO DOWELL.

TIME...FCP...CK...BW/HR....
 1:30P...850...14/64...33.6...NO GAS...NO SD
 2:30...400...16/64...53.8...NO GAS...NO SD
 3:30...100...18/64...17.0...WTR SLI GAS CUT...NO SD
 4:30...100...18...18.9...WTR GAS CUT...MED SD
 5:30...100...18...19...M
 6:30...50...18...15...M...CHECK CHOKE
 7:30...200...18...21...M
 8:30...200...18...21...M...DRAIN TANK
 9:30...350...18...21...M
 10:30...500...18...19...M
 11:30...700...18...18...M...CH CHOKE
 12:30A...800...18...20...L...DRAIN TANK
 1:30...850...18...12...L
 2:30...850...18...10...L
 3:30...800...18...2...L
 4:30...800...18...6...L...GETTING LESS SAND
 5:30...800...18...4...L-T
 6:30...800...18...4...L...

GAS RATE 750 MCF/D, TOTAL WTR 205 BBLS, TOTAL LTR 1922.

REPORT DATE : 2/7/98 MD : 7.974 TVD : 0 DAYS : 19 MW : VISC :
 DAILY : DC : \$0 CC : \$5,261 TC : \$5,261 CUM : DC : \$225,656 CC : \$255,044 TC : \$480,700

DAILY DETAILS : 800 PSI CP ON 18/64 CK. INC CK TO 48/CK TO BLOW PRESS DWN. PMP & KILL WELL W/80 BBLS 3% KCL WTR. RIH W/RETR TOOL & 2 3/8 TBG. TAG FILL @ 6231'. CIRC SD OFF OF RBP TO 6440'. CIRC HOLE CLEAN. LATCH ON RBP. POOH W/2 3/8 TBG & RBP. PMP 110 BBLS. WELL WOULD NOT DIE. LEFT WELL FLWG OVERNIGHT. SDFN. BBLS FLUID PMPD 550, BBLS FLUID REC 350, BBLS LTR 200

FLOW BACK REPORT
 TIME...CP...CH...WTR...SD
 8:30P...50...48...48...TR
 9:30...50...48...57...TR
 10:30...400...48...158...TR
 11:30...300...48...145...TR
 12:30...380...48...52...TR
 1:30...380...48...50...TR
 2:30...360...48...50...TR
 3:30...350...48...52...TR...OPEN CHOKE
 4:30...275...OPEN...25...TR
 5:30...250...OPEN...23...TR
 6:30...200...OPEN...20...TR

GAS RATE 1500 MCF/D, TOTAL WTR 680 BBLS, TOTAL LTR 1647 BBLS.

REPORT DATE : 2/8/98 MD : 7.974 TVD : 0 DAYS : 20 MW : VISC :
 DAILY : DC : \$0 CC : \$7,743 TC : \$7,743 CUM : DC : \$225,656 CC : \$262,787 TC : \$488,443

DAILY DETAILS : WELL FLWG ON 48 CHOKE 200 PSI CSG, 80 BBLS 3% KCL. RIH W/PROD STRING. TAG SD @ 7084'. RU AIR FOAM UNIT. BREAK CIRC. CLEAN SD F/7084-7500'. PU PIPE TO 7828'. TAG CIRC CLEAN. KILL TBG W/15 BBLS 3% KCL. LD SWIVEL & 2 JTS. STAND BACK 46 STDS. EOT 4836'. SIFN. BBLS FLUID PMPD 140, BBLS FLUID REC 525, BBLS LEFT TO REC -385

PERC**WELL CHRONOLOGY REPORT**

REPORT DATE : 2/9/98 MD : 7,974 TVD : 0 DAYS : 21 MW : VISC :
 DAILY : DC : \$0 CC : \$28,185 TC : \$28,185 CUM : DC : \$225,656 CC : \$290,972 TC : \$516,628

DAILY DETAILS : SICP 1960 PSI, SITP 1600 PSI. BLW WELL DWN. PMP 20 BBLS 3% KCL DWN TBG. RIH W/TBG. TAG SD @ 7662'. LD 9 JTS TBG. PU HANGER & LAND W/243 JTS 4.7#, J-55 W/NC & SN. EOT @ 7619', SN @ 7586'. RD FLOOR & TBG EQUIP. ND BOPS & FRAC VALVE. NU WH & FLOWLINE. RU & SWB IFL 1800'. MADE 4 RUNS, REC 34 BW. FFL FLWG ON 48/64 CH. RDMO PU. WELL FLWD 106 BBLS WTR. CHG CH TO 20/64 FCP 1425 PSI, FTP 160 PSI. TURN WELL OVER TO FLOW BACK CREW @ 4:00 PM. ROAD RIG TO S #11-36. MI & SDFD @ 6:30 PM. BBLS FLUID PMPD 20, BBLS FLUID REC 140, BBLS LTR -120

FLOW BACK REPORT

TIME...CP...TP...CH...WTR...SD

4:30P..1450...150...48...-...TR

5:00...1450...325...20...12...TR

6:00...1425...200...20...4...TR

7:00...1500...300...20...9...TR

8:00...1510...300...20...13...TR

9:00...1510...300...20...17...TR

10:00...1500...550...20...13...TR

11:00...1450...700...20...16...TR

12:00...1400...900...20...17...TR

1:00A..1400...900...20...13...TR

2:00...1400...900...20...17...TR

3:00...1400...900...20...8...TR

4:00...1390...900...20...8...TR

5:00...1350...900...20...8...TR

6:00...1350...900...20...8...TR

GAS RATE 2000 MCF/D, TOTAL WTR 163 BBLS, TOTAL LTR 1659 BBLS

REPORT DATE : 2/10/98 MD : 7,974 TVD : 0 DAYS : 22 MW : VISC :
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$225,656 CC : \$290,972 TC : \$516,628
 DAILY DETAILS : FLWG 862 MCF, 240 BW, FTP 480#, CP 1200#, 18/64" CK, LLTR 786 BBLS.

REPORT DATE : 2/11/98 MD : 7,974 TVD : 0 DAYS : 23 MW : VISC :
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$225,656 CC : \$290,972 TC : \$516,628
 DAILY DETAILS : FLWG 1053 MCF, 260 BW, FTP 900#, 19/64" CK, 24 HRS, LLTR 526 BBLS.

REPORT DATE : 2/12/98 MD : 7,974 TVD : 0 DAYS : 24 MW : VISC :
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$225,656 CC : \$290,972 TC : \$516,628
 DAILY DETAILS : FLWG 1083 MCF, 137 BW, FTP 875#, CP 1100#, 19/64" CK, 24 HRS, LLTR 389 BBLS.

REPORT DATE : 2/13/98 MD : 7,974 TVD : 0 DAYS : 25 MW : VISC :
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$225,656 CC : \$290,972 TC : \$516,628
 DAILY DETAILS : FLWG 1330 MCF, 117 BW, FTP 710#, CP 960#, 26/64" CK, 23 HRS, LLTR 272 BBLS.

REPORT DATE : 2/14/98 MD : 7,974 TVD : 0 DAYS : 26 MW : VISC :
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$225,656 CC : \$290,972 TC : \$516,628
 DAILY DETAILS : FLWG 1380 MCF, 114 BW, FTP 550#, CP 900#, 30/64" CK, 24 HRS, LLTR 158 BBLS.

PERC**WELL CHRONOLOGY REPORT**

REPORT DATE : 2/15/98 MD : 7,974 TVD : 0 DAYS : 27 MW : VISC :
DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$225,656 CC : \$290,972 TC : \$516,628
DAILY DETAILS : FLWG 1327 MCF, 114 BW, FTP 510#, CP 875#, 30/64" CK, 24 HRS, LLTR 44 BBLs.

REPORT DATE : 2/16/98 MD : 7,974 TVD : 0 DAYS : 28 MW : VISC :
DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$225,656 CC : \$290,972 TC : \$516,628
DAILY DETAILS : FLWG 1275 MCF, 105 BW, FTP 460#, CP 850#, 40/64" CK, 24 HRS, LLTR 0 (61 BBLs OVERLOAD). IP
DATE: 2/14/98 - FLWG 1380 MCF, 114 BW, FTP 550#, CP 900#, 30/64" CK, 24 HRS. - FINAL REPORT

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone Number.

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well

Footages: 660' FNL & 1980' FWL

QQ, Sec., T., R., M.: NENW, Section 36-T9S-R21E

5. Lease Designation and Serial Number

ML-22265

6. Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

Morgan State #7-36

9. API Well Number:

43-047-32811

10. Field and Pool, or Wildcat

Natural Buttes Field

County: Uintah

State: Utah

11. **CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon* | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other _____ | Cement csg annulus |

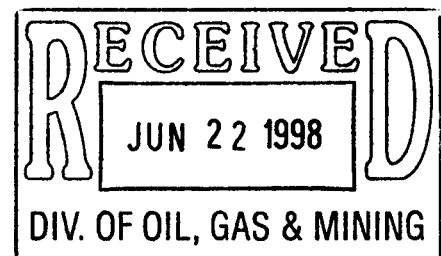
Date of work completion 6/18/98 5/19/98

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see attached chronological well history for completion operations performed on the subject well.



13.

Name & Signature

Sheila Bremer

Title

Sheila Bremer

Environmental & Safety Analyst

Date 6/18/98

(This space for State use only)

**THE COASTAL CORPORATION
PRODUCTION REPORT**

CHRONOLOGICAL HISTORY

MORGAN STATE #7-36
Natural Buttes Field
Uintah County, UT

Page 1

Top Down Cement

05/08/98 **Still on production.** MIRU Dowell, test to 2000# ok. Pmp 15 bbls hi vis LCM pill, 65 sx's class "G" lead w/LCM, 190 class "G" tail, on vac after 1st bbl pmpd, at 4 bpm dn to 1.5 bpm still on vac at end of job. RDMO. **Final Report.**
DC: \$7,769 CC: \$7,769

Cement 8-5/8" - 4-1/2" Csg Annulas

05/19/98 **Well on production.** RU Dowell to 8-5/8" - 4-1/2" csg annulas f/2nd top dn job. Tail w/35 sx class "G" w/add wt 11.5 yd 3.16. Flush w/ 1/2 bbl wtr. ISIP 150 psi, MP 200 psi at 1 BPM AP 90 psi at 1 BM. Wash up and RD Dowell. Open csg valve w/press. **Final report.**
DC: \$2,388 CC: \$2,388

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone Number.

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4455

4. Location of Well

Footages: 660' FNL & 1980' FWL

QQ, Sec., T., R., M.: NENW, Section 36-T9S-R21E

5. Lease Designation and Serial Number

ML-22265

6. Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

Morgan State #7-36

9. API Well Number:

43-047-32811

10. Field and Pool, or Wildcat

Natural Buttes Field

County: Uintah

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon* | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Perforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other _____ | Site Security Plan |

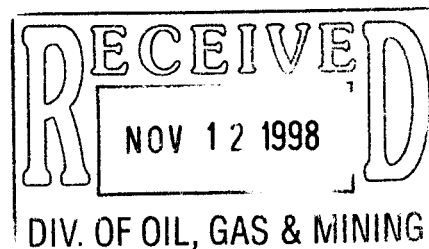
Date of work completion _____

Report results of **Multiple Completions** and **Recompletions** to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see attached updated site security diagram for the subject well.



13.

Name & Signature

Sheila Bremer

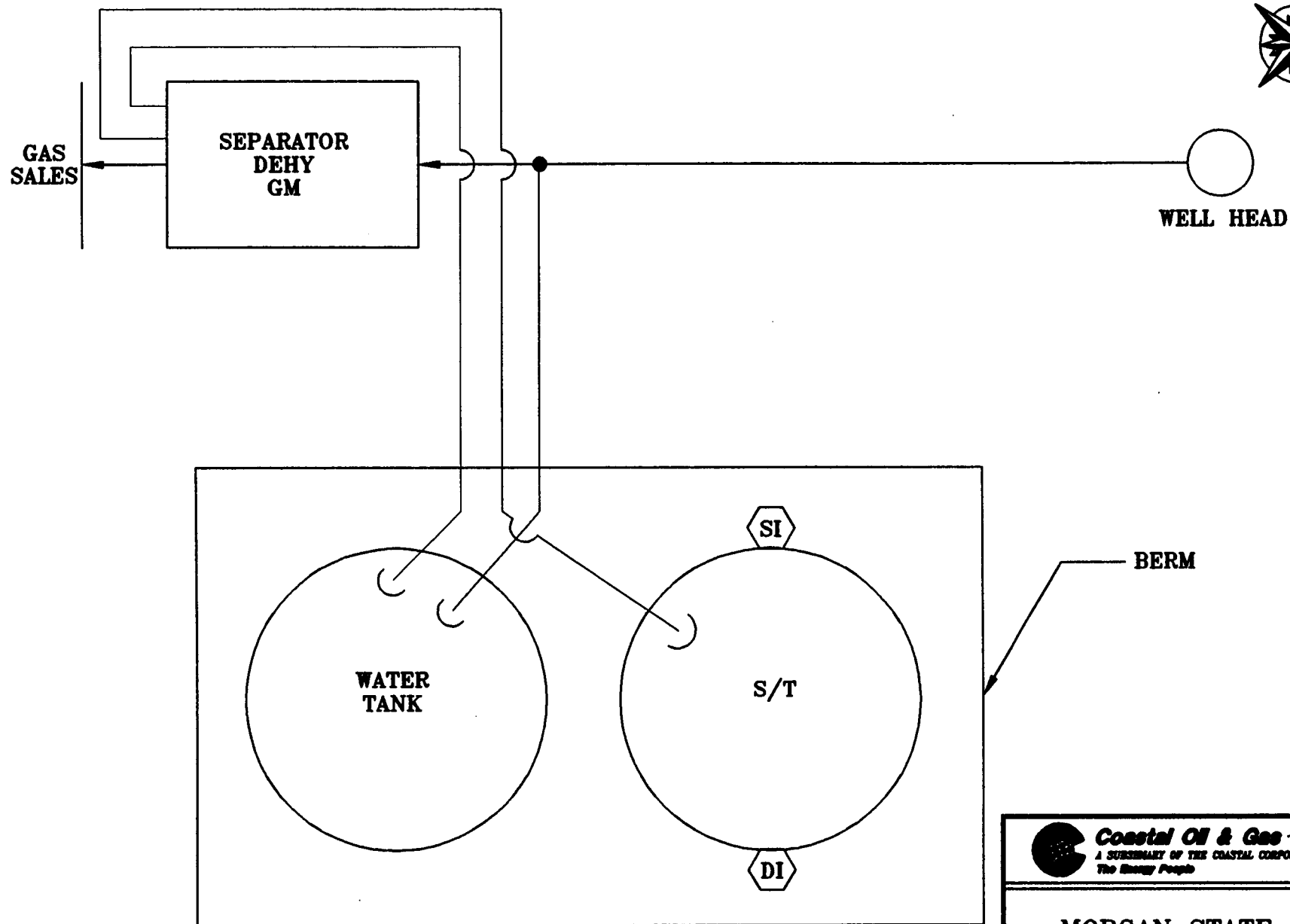
Title

Sheila Bremer

Environmental & Safety Analyst

Date 11/9/98

(This space for State use only)



This lease is subject to the site security plan for the Natural Buttes Field for Coastal Oil & Gas. The plan is located at: Coastal Oil & Gas Corp. Vernal District Office 1368 South 1200 East Vernal, UT 84078

Coastal Oil & Gas Corporation
A SUBSIDIARY OF THE COASTAL CORPORATION
The Energy People

MORGAN STATE #7-36
NE NW SEC. 36 T9S-R21E
ML-22265

MORGAN STATE #7-36

POSITION OF VALVES AND USE OF SEALS DURING PRODUCTION

VALVE	LINE PURPOSE	POSITION	SEAL INSTALLED
D1	Drain	Closed	Yes
S1	Sales	Closed	Yes

POSITION OF VALVES AND USE OF SEALS DURING SALES

VALVE	LINE PURPOSE	POSITION	SEAL INSTALLED
D1	Drain	Closed	Yes
S1	Sales	Open	No

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER _____

2. NAME OF OPERATOR:
El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR: 58 South 1200 East CITY Vernal STATE Utah ZIP 84078 PHONE NUMBER: 435-789-4433

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

COUNTY:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Name Change
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation

NAME (PLEASE PRINT) John T. Elzner TITLE Vice President

SIGNATURE [Signature] DATE 06-15-01

El Paso Production Oil & Gas Company

NAME (PLEASE PRINT) John T. Elzner TITLE Vice President

SIGNATURE [Signature] DATE 06-15-01

(This space for State use only)

RECEIVED

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

— State of Delaware —
Office of the Secretary of State

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

MAR 14 2001

DIVISION OF
OIL, GAS AND MINING



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

CERTIFICATE OF AMENDMENT
OF
CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:


"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION



David L. Siddall
Vice President

Attest:


(Margaret E. Roark, Assistant Secretary)

RECEIVED

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 11:00 AM 03/09/2001
010118394 - 0610204

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

RECEIVED

JUL 12 2001

**DIVISION OF
OIL, GAS AND MINING**

In Reply Refer To:

3106

UTSL-065841

(UT-924)

JUL 10 2001

NOTICE

El Paso Production Oil & Gas Company	:	Oil and Gas
Nine Greenway Plaza	:	
Houston TX 77046-0095	:	

Name Change Recognized

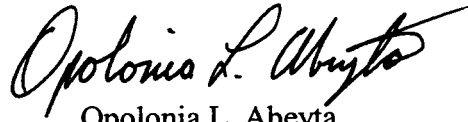
Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

For our purposes, the name change is recognized effective March 9, 2001.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Coastal Oil & Gas Corporation to El Paso Production Oil & Gas Company. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Wyoming and Colorado.



Opolonia L. Abeyta
Acting Chief, Branch of
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

cc: Moab Field Office
Vernal Field Office
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217
~~State of Utah, DOGM~~, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114
Teresa Thompson (UT-922)
Joe Incardine (UT-921)

Exhibit of Leases

UTUSL-065841A	UTU-47172	UTU-74415	UTU-53860
UTU-28652	UTU-50687	UTU-74416	UTU-66401
UTU-37943	UTU-52298	UTU-75091	UTU-67868
UTU-44089	UTU-0109054	UTU-75096	UTU-65389
UTU-44090A	UTU-0143511	UTU-75097	UTU-77084
UTU-61263	UTU-0143512	UTU-75673	UTU-61430
UTU-00343	UTU-38401	UTU-76259	UTU-72633
UTU-02651	UTU-38411	UTU-76260	UTU-72650
UTU-02651B	UTU-38418	UTU-76261	UTU-49692
UTU-0142175	UTU-38419	UTU-76493	UTU-57894
UTU-70235	UTU-38420	UTU-76495	UTU-76829
UTU-70406	UTU-38421	UTU-76503	UTU-76830
UTU-74954	UTU-38423	UTU-78228	UTU-76831
UTU-75132	UTU-38424	UTU-78714	
UTU-75699	UTU-38425	UTU-78727	
UTU-76242	UTU-38426	UTU-78734	
UTU-78032	UTU-38427	UTU-79012	
UTU-4377	UTU-38428	UTU-79011	
UTU-4378	UTU-53861	UTU-71694	
UTU-7386	UTU-58097	UTU-00576	
UTU-8344A	UTU-64376	UTU-00647	
UTU-8345	UTU-65222	UTU-01470D	
UTU-8347	UTU-65223	UTU-0136484	
UTU-8621	UTU-66746	UTU-8344	
UTU-14646	UTU-67178	UTU-8346	
UTU-15855	UTU-67549	UTU-8648	
UTU-25880	UTU-72028	UTU-28212	
UTU-28213	UTU-72632	UTU-30289	
UTU-29535	UTU-73009	UTU-31260	
UTU-29797	UTU-73010	UTU-33433	
UTU-31736	UTU-73013	UTU-34711	
UTU-34350	UTU-73175	UTU-46699	
UTU-34705	UTU-73434	UTU-78852	
UTU-37116	UTU-73435	UTU-78853	
UTU-37355	UTU-73444	UTU-78854	
UTU-37573	UTU-73450	UTU-075939	
UTU-38261	UTU-73900	UTU-0149767	
UTU-39223	UTU-74409	UTU-2078	
UTU-40729	UTU-74410	UTU-44426	
UTU-40736	UTU-74413	UTU-49530	
UTU-42469	UTU-74414	UTU-51026	

1. GLH		4-KAS
2. CDW ✓		5-LP ✓
3. JLT		6-FILE

X Merger

FROM: (Old Operator):
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

TO: (New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

Unit: NATURAL BUTTES-NOT IN PA

[illegible]

1.	(R649-8-10) Sundry or legal documentation was received from the FORMER operator on:	<u>06/19/2001</u>
2.	(R649-8-10) Sundry or legal documentation was received from the NEW operator on:	<u>06/19/2001</u>
3.	The new company has been checked through the Department of Commerce, Division of Corporations Database on:	<u>06/21/2001</u>
4.	Is the new operator registered in the State of Utah:	YES Business Number: <u>608186-0143</u>

5. If NO, the operator was contacted contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 07/10/2001
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 07/10/2001
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 07/18/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 07/18/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: 400JU0705

FEDERAL BOND VERIFICATION:

1. Federal well(s) covered by Bond No.: N/A

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond No: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: _____

FILMING:

1. All attachments to this form have been **MICROFILMED** on: _____

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".

JAN. 17. 2003 3:34PM

SPORT

NO. 173 P. 2

**WESTPORT OIL AND GAS COMPANY, L.P.**

410 Seventeenth Street #2300 Denver Colorado 80202-4436
Telephone: 303 573 5404 Fax: 303 573 5409

February 1, 2002

Department of the Interior
Bureau of Land Management
2850 Youngfield Street
Lakewood, CO 80215-7093
Attention: Ms. Martha Maxwell

RE: BLM Bond CO-1203
BLM Nationwide Bond 158626364
Surety - Continental Casualty Company
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.
Assumption Rider - Westport Oil and Gas Company, L.P.

Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,
Westport Oil and Gas Company, L.P.

Debby J. Black
Engineer Technician

Encl:



United States Department of the Interior **RECEIVED**

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF
OIL, GAS AND MINING

In Reply Refer To:

3106

UTU-25566 et al

(UT-924)

FEB 21 2002

NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas
410 Seventeenth Street, #2300 :
Denver Colorado 80215-7093 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

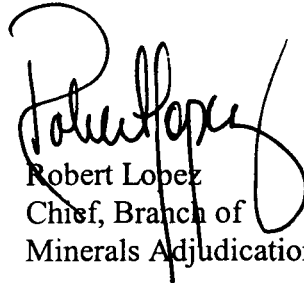
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405
UTU-20895
UTU-25566
UTU-43156
UTU-49518
UTU-49519
UTU-49522
UTU-49523



Robert Lopez
Chief, Branch of
Minerals Adjudication

cc: Moab Field Office
Vernal Field Office
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114
Teresa Thompson (UT-922)
Joe Incardine (UT-921)

UNITED STATES GOVERNMENT

memorandum

Branch of Real Estate Services
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

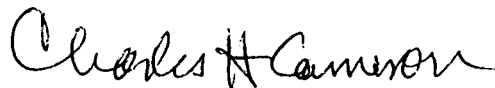
We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.

CC: Minerals & Mining Section of RES
Ute Energy & Mineral Resources Department: Executive Director
chronos





United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

Washington, D.C. 20240

FEB 10 2003IN REPLY REFER TO:
Real Estate Services

Carroll A. Wilson
Principal Landman
Westport Oil and Gas Company, L.P.
1368 South 1200 East
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

Director, Office of Trust Responsibilities

ACTING

Enclosure

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:
Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☐

OTHER _____

2. NAME OF OPERATOR:

El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR:

9 Greenway Plaza

City Houston

STATE TX

ZIP 77064-0995

PHONE NUMBER:

(832) 676-5933

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will start:

☐ SUBSEQUENT REPORT
(Submit Original Form Only)

Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☒ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☐ OTHER: _____

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND # _____

State Surety Bond No. RLB0005236
Fee Bond No. RLB0005238

EL PASO PRODUCTION OIL & GAS COMPANY

By: _____

Jon R. Nelsen, Attorney-in-Fact

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.

NAME (PLEASE PRINT)

David R. Dix

TITLE

Agent and Attorney-in-Fact

SIGNATURE

DATE

12/17/02

(This space for State use only)

Form 3160-5
(August 1999)— UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

SEE ATTACHED EXHIBIT "A"

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

SEE ATTACHED EXHIBIT "A"

9. API Well No.

SEE ATTACHED EXHIBIT "A"

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UT

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED EXHIBIT "A"

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	SUCCESSOR OF
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	OPERATOR

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zone. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed when testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED

MAR 04 2003

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

CHERYL CAMERON

Title

OPERATIONS

Date

March 4, 2003

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

DIV. OF OIL, GAS & MINING

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW ✓

3. FILE

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **12-17-02**

FROM: (Old Operator):	TO: (New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY	WESTPORT OIL & GAS COMPANY LP
Address: 9 GREENWAY PLAZA	Address: P O BOX 1148
HOUSTON, TX 77064-0995	VERNAL, UT 84078
Phone: 1-(832)-676-5933	Phone: 1-(435)-781-7023
Account No. N1845	Account No. N2115

CA No.

Unit:

WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MORGAN STATE 3-36	36-09S-21E	43-047-32589	12002	STATE	GW	P
MORGAN STATE 4-36	36-09S-21E	43-047-32729	12068	STATE	GW	P
MORGAN STATE 5-36	36-09S-21E	43-047-32735	12069	STATE	GW	P
MORGAN STATE 6-36	36-09S-21E	43-047-32810	12119	STATE	GW	P
MORGAN STATE 7-36	36-09S-21E	43-047-32811	12134	STATE	GW	P
MORGAN STATE 8-36	36-09S-21E	43-047-32812	12179	STATE	GW	P
MORGAN STATE 9-36	36-09S-21E	43-047-32815	12178	STATE	GW	P
MORGAN STATE 10-36	36-09S-21E	43-047-32816	12135	STATE	GW	P
MORGAN STATE 11-36	36-09S-21E	43-047-32813	12137	STATE	GW	P
MORGAN STATE 12-36	36-09S-21E	43-047-32814	12136	STATE	GW	S
MORGAN STATE 13-36	36-09S-21E	43-047-32817	12130	STATE	GW	S
MORGAN STATE 14-36	36-09S-21E	43-047-33092	13194	STATE	GW	P
MORGAN STATE 16-36	36-09S-21E	43-047-33093	12407	STATE	GW	S
MORGAN STATE 15-36	36-09S-21E	43-047-33094	12384	STATE	GW	S
UTE TRAIL 6 1 (CA CR-12)	06-09S-22E	43-047-30667	185	INDIAN	GW	P
STATE 6-56 (TRIBAL) (CA CR-12)	06-09S-22E	43-047-32699	11839	FEDERAL	GW	P
TRIBAL 6-64 (CA CR-12)	06-09S-22E	43-047-33338	12676	INDIAN	GW	P
FEDERAL 6-100 (CA CR-12)	06-09S-22E	43-047-33401	12695	FEDERAL	GW	P
HALL 6-135 (CA CR-12)	06-09S-22E	43-047-33440	12711	FEE	GW	P
HALL 6-136 (CA CR-12)	06-09S-22E	43-047-33437	12700	FEE	GW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
5. If **NO**, the operator was contacted contacted on: _____

6. (R649-9-2) Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: 01/09/2003

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 03/27/2003

2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/27/2003

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: RLB 0005236

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: 158626364

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: RLB 0005239

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB 0005238

2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT – for such proposals		6. Lease Designation and Serial Number MULTIPLE WELLS- SEE ATTACHED
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		7. Indian Allottee or Tribe Name
		8. Unit or Communitization Agreement MULTIPLE WELLS- SEE ATTACHED
2. Name of Operator WESTPORT OIL & GAS COMPANY, L.P.		9. Well Name and Number MULTIPLE WELLS- SEE ATTACHED
3. Address of Operator 1368 SOUTH 1200 EAST, VERNAL, UTAH 84078	4. Telephone Number 435-781-7060	10. API Well Number MULTIPLE WELLS- SEE ATTACHED
5. Location of Well Footage : MULTIPLE WELLS- SEE ATTACHED County : UINTAH QQ, Sec, T., R., M : MULTIPLE WELLS- SEE ATTACHED State : UTAH		11. Field and Pool, or Wildcat MULTIPLE WELLS- SEE ATTACHED
12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		

<p style="text-align: center;">NOTICE OF INTENT (Submit in Duplicate)</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td colspan="2"><input checked="" type="checkbox"/> Other <u>VARIANCE</u></td> </tr> </table> <p>Approximate Date Work Will Start _____</p>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>VARIANCE</u>		<p style="text-align: center;">SUBSEQUENT REPORT (Submit Original Form Only)</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> Abandonment *</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Other _____</td> </tr> </table> <p>Date of Work Completion _____</p> <p style="font-size: small;">Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.</p>	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____	
<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction																										
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<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off																										
<input type="checkbox"/> Other _____																											

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part III C. a. requiring each sales tank be equipped with a pressure-vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

The volume lost to shrinkage by dropping the tank pressure from 6 ozs. to 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped. The average well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached. Westport Oil & Gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

14. I hereby certify that the foregoing is true and correct.

Name & Signature Debra Domenici Title Environmental Assistant Date 07/12/04
 (State Use Only) **Accepted by the**
Utah Division of
Oil, Gas and Mining

Federal Approval Of This
Action Is Necessary

Date: 7/15/04

By: [Signature]

See Instructions on Reverse Side

COPY SENT TO OPERATOR
 Date: 7-16-04
 Initials: [Signature]

RECEIVED

JUL 14 2004

DIV. OF OIL, GAS & MINING

Westport Oil & Gas, L.P.

Project Economics Worksheet

Instructions: Fill in blue boxed areas with before and after project data. The evaluation results are shown below and graphed automatically at the bottom of the page. This sheet is protected to prevent accidental alteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for \$/BF and \$/MCF

Project Name: **Condensate Shrinkage Economics**

Is this job a well pull or production rig job ??? **N** (Y or N)

	BEFORE \$/Year	AFTER \$/Year	DIFFERENCE \$/Year
Gross Oil Revenue	\$1,088	\$1,099	\$11
Gross Gas Revenue	\$0	\$0	\$0
NGL Revenue	\$0	\$0	\$0
PULING UNIT SERVICE			\$0
WIRELINE SERVICE			\$0
SUBSURF EQUIP REPAIRS			\$0
COMPANY LABOR			\$0
CONTRACT LABOR	\$0	\$200	\$200
CONTR SERVICE			\$0
LEASE FUEL GAS	\$0	\$0	\$0
UTILITIES - ELECTRICITY	\$0	\$0	\$0
CHEMICAL TREATING			\$0
MATERIAL & SUPPLY	\$0	\$150	\$150
WATER & HAULING			\$0
ADMINISTRATIVE COSTS			\$0
GAS PLANT PROCESSING			\$0
Totals	\$0	\$350	\$350 Increased OPX Per Year

Investment Breakdown:

Cap/Exp Code	Cost, \$	Oil Price \$/BO	Gas Price \$/MCF	Electric Cost \$/ HP / day	OPX/BF \$/BF	OPX/MCF \$/MCF
Capital \$	820/830/840 \$1,200	\$ 23.00	\$ 3.10		\$ 2.00	
Expense \$	830/840 \$0				\$ 0.62	
Total \$	\$1,200					

Production & OPX Detail:

	Before	After	Difference
Oil Production	0.192 BOPD	0.194 BOPD	0.002 BOPD
Gas Production	0 MCFPD	0 MCFPD	0 MCFPD
Wtr Production	0 BWPD	0 BWPD	0 BWPD
Horse Power	0 HP	0 HP	0 HP
Fuel Gas Burned	0 MCFPD	0 MCFPD	0 MCFPD

Project Life:

Life = **20.0** Years
(Life no longer than 20 years)

Internal Rate of Return:

After Tax IROR = **#DIV/0!**

AT Cum Cashflow:

Operating Cashflow = **(\$2,917)** (Discounted @ 10%)

Payout Calculation:

Payout = $\frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}} = 1$

Payout occurs when total AT cashflow equals investment
See graph below, note years when cashflow reaches zero

Payout = **NEVER** Years or **#VALUE!** Days

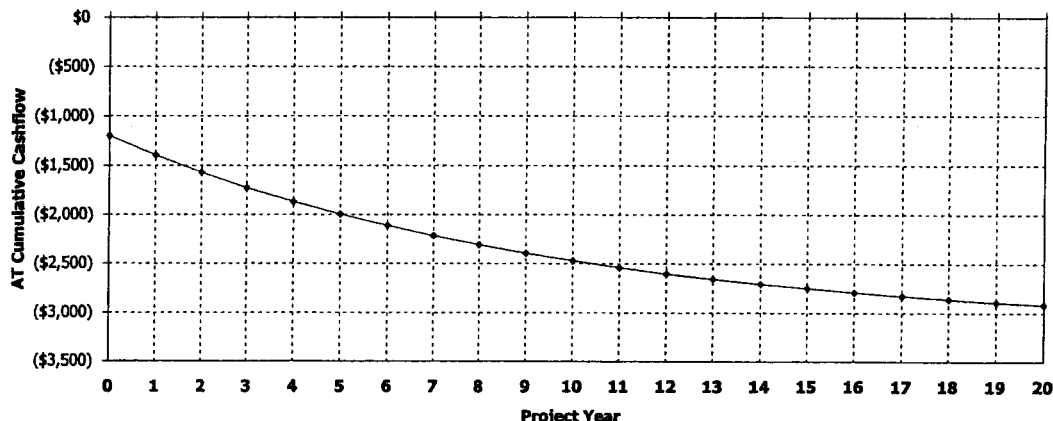
Gross Reserves:

Oil Reserves = **6 BO**
Gas Reserves = **0 MCF**
Gas Equiv Reserves = **38 MCFE**

Notes/Assumptions:

An average NBU well produces 0.192 Bcpd with no tank pressure. The production is increased to 0.194 Bcpd if 4 ozs of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.

Project: Condensate Shrinkage Economics



Westport Oil and Gas, Inc.

NBU/Ouray Field

RFL 2003-022

COMPARISON OF FLASH BACK PRESSURES

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio (scf/STbbl) (A)	Specific Gravity of Flashed Gas (Air=1.000)	Separator Volume Factor (B)	Separator Volume Percent (C)
psig	°F				

Calculated at Laboratory Flash Conditions

80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0	—	1.000	98.14%

Calculated Flash with Backpressure using Tuned EOS

80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	—	1.000	98.52%

(A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

(B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

(C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

WELL	LEGALS	STF LEASE NO	CA NUMBER	API NO
ARCHY BENCH STATE 1-2	NENE SEC 2, T11S, R22E	ML22348A		4304731489
BAYLESS STATE 02-01	SWSE SEC 2, T9S, R20E	ML47044		4304734540
BONANZA 1023-2A	NENE SEC. 2, T10S, R23E	ML47062		4304735347
BONANZA 1023-2C	NENW SEC. 2, T10S, R23E	ML47062		4304735346
BONANZA 1023-2E	SWNW SEC. 2, T10S, R23E	ML47062		4304735345
KENNEDY WASH STATE 16-1	NWNW SEC 16, T8S, R23E	ML47212		4304733589
MORGAN STATE 01-36	SENE SEC 36, T9S, R21E	ML22265		4304730600
MORGAN STATE 02-36	NWNE SEC 36, T9S, R21E	ML22265		4304732585
MORGAN STATE 03-36	NWNE SEC 36, T9S, R21E	ML22265		4304732589
MORGAN STATE 04-36	NWSW SEC 36, T9S, R21E	ML22265		4304732729
MORGAN STATE 05-36	NWSE SEC 36, T9S, R21E	ML22265		4304732735
MORGAN STATE 06-36	SWNW SEC 36, T9S, R21E	ML22265		4304732810
MORGAN STATE 07-36	NENW SEC 36, T9S, R21E	ML22265		4304732811
MORGAN STATE 08-36	NENE SEC 36, T9S, R21E	ML22265		4304732812
MORGAN STATE 09-36	SWNE SEC 36, T9S, R21E	ML22265		4304732815
MORGAN STATE 10-36	SENE SEC 36, T9S, R21E	ML22265		4304732816
MORGAN STATE 11-36	NESW SEC 36, T9S, R21E	ML22265		4304732813
MORGAN STATE 12-36	NESE SEC 36, T9S, R21E	ML22265		4304732814
MORGAN STATE 13-36	SESE SEC 36, T9S, R21E	ML22265		4304732817
MORGAN STATE 14-36	SWSW SEC 36, T9S, R21E	ML22265		4304733092
MORGAN STATE 15-36	SESW SEC 36, T9S, R21E	ML22265		4304733094
MORGAN STATE 16-36	SWSE SEC 36, T9S, R21E	ML22265		4304733093
STATE 01-32	NESW SEC 32, T10S, R22E	ML22798	891008900A	4304734317
STATE 02-32	SESW SEC 32, T10S, R22E	ML22798		4304734831
STATE 03-32	NWSW SEC 32, T10S, R22E	ML22798		4304734832
STATE 1022-32A	NENE SEC. 32, T10S, R22E	ML22798		4304735096
STATE 1022-32J	NWSE SEC 32, T10S, R22E	ML22798		4304735095
STATE 1022-32M	SWSW SEC 32, T10S, R22E	ML-22798		
STATE 1022-32O	SWSE SEC. 32, T10S, R22E	ML22798		4304735315
STATE 11-36	NESW SEC 36, T8S, R21E	ML22051	9C-205	4304734505
STATE 14-16	SWSW SEC 16, T7S, R21E	ML40904		4304731417
STATE 31-32	SESE SEC 31, T8S, R22E	ML28048	VR49I-84688C	4304730906
STATE 32-21	NESE SEC 32, T8S, R21E	ML22052	9C-204	4304730754
STIRRUP STATE 32-1	NWNE SEC 32, T6S, R21E	ML22036	UTU76783X	4304731557
STIRRUP STATE 32-1-J	NWSE SEC 32, T6S, R21E	ML40226		4304731646
STIRRUP STATE 32-2	SENE SEC 32, T6S, R21E	ML22036	UTU76783X	4304731626
STIRRUP STATE 32-6 SWD	NENE SEC 32, T6S, R21E	ML22036	UTU76783X	4304732784
UTE TRIBAL 31-060	NESW SEC 31, T8S, R22E	ML28048	VR49I-84688C	4304733340
WONSITS STATE 01-32	SWNE SEC 32, T7S, R22E	ML47780		4304732820
WONSITS STATE 02-32	SWSE SEC 32, T7S, R22E	ML47780		4304732819
WONSITS STATE 05-32	SENE SEC 32, T7S, R22E	ML47780		4304733678
WONSITS STATE 09-32	NESW SEC 32, T7S, R22E	ML47780		4304734060

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER _____

2. NAME OF OPERATOR:
KERR MCGEE OIL & GAS ONSHORE LP

3. ADDRESS OF OPERATOR:
1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078

PHONE NUMBER:
(435) 781-7024

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 660'FNL, 1980'FWL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 36 9S 21E

STATE: UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML-22265

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:
MORGAN STATE 7-36

9. API NUMBER:
4304732811

10. FIELD AND POOL, OR WILDCAT:
NATURAL BUTTES

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

07/26/2006: PMP 4 DRUMS OF 15% HCL ACID PMP DWN TBG FLUSH W/20 BBLs KCL WATER.

NAME (PLEASE PRINT) SHEILA UPCHEGO

TITLE REGULATORY ANALYST

SIGNATURE

DATE 8/25/2006

(This space for State use only)

RECEIVED
AUG 31 2006
DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ
 2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

1/6/2006

FROM: (Old Operator): N2115-Westport Oil & Gas Co., LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024	TO: (New Operator): N2995-Kerr-McGee Oil & Gas Onshore, LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024
---	---

CA No.

Unit:

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
-----------	-----	-----	-----	--------	-----------	------------	-----------	-------------

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- b. If **NO**, the operator was contacted on: _____
- a. (R649-9-2) Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: n/a
- c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on: _____
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG
The Division sent response by letter on: _____

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006. KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

BLM BOND = C01203

BIA BOND = RLB0005239

APPROVED 5/16/06

Earlene Russell

Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RANDY BAYNE

Signature

Randy Bayne

Title

DRILLING MANAGER

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

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8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

RECEIVED
MAY 10 2006

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Brad Laney

Title

Date

5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22265			
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES			
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: MORGAN STATE 7-36			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FNL 1980 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 36 Township: 09.0S Range: 21.0E Meridian: S		9. API NUMBER: 43047328110000			
PHONE NUMBER: 720 929-6007 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES			
COUNTY: UINTAH		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 3/5/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: _____ </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: _____
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The operator requests authorization to shut-in the subject well due to operational issues. The subject well location last produced on 2/5/2010. The operator is currently working on getting the subject well location back on sales. We will shut-in the subject well on 3/5/2010.					
Accepted by the Utah Division of Oil, Gas and Mining		Date: <u>March 08, 2010</u> By: <u>[Signature]</u>			
NAME (PLEASE PRINT) Andy Lytle		PHONE NUMBER 720 929-6100			
SIGNATURE N/A		TITLE Regulatory Analyst			
DATE 3/5/2010					

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22265
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TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/21/2010	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> APD EXTENSION	
	OTHER: _____	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. THIS WELL RETURNED TO PRODUCTION ON 4/21/2010.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 03, 2010		
NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 5/3/2010	

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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 65%;"> <p>The operator requests authorization to shut-in the subject well due to operational issues. The subject well location last produced on 2/5/2010. The operator is currently working on getting the subject well location back on sales. We will shut-in the subject well on 3/5/2010.</p> </div> <div style="width: 30%; text-align: right;"> <p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>Date: <u>March 08, 2010</u></p> <p>By: <u><i>Dan K. Quist</i></u></p> </div> </div>					
NAME (PLEASE PRINT) Andy Lytle	PHONE NUMBER 720 929-6100	TITLE Regulatory Analyst			
SIGNATURE N/A		DATE 3/5/2010			

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
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PHONE NUMBER: 720 929-6515 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES			
COUNTY: UINTAH		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/16/2011 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The operator requests authorization to plug and abandon the subject well location. Attached to this sundry is the plug and abandonment procedure.					
<p style="color: red; font-weight: bold;">Approved by the Utah Division of Oil, Gas and Mining</p> <p style="color: red; font-weight: bold;">Date: <u>11/17/2011</u></p> <p style="color: red; font-weight: bold;">By: <u><i>Derek Duff</i></u></p>					
NAME (PLEASE PRINT) Jaime Scharnowske		PHONE NUMBER 720 929-6304			
SIGNATURE N/A		TITLE Regulatory Analyst			
DATE 9/16/2011					

Please Review Attached Conditions of Approval

RECEIVED Sep. 16, 2011



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047328110000

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations.
Please call Dan Jarvis at 801-538-5338.**
- 2. All balanced plugs shall be tagged to ensure they remain at the depth specified by the proposal.**
- 3. All annuli shall be cemented from a minimum depth of 100' to the surface.**
- 4. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
- 5. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 6. If there are any changes to the plugging procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 7. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

11/17/2011

Wellbore Diagram

r263

API Well No: 43-047-32811-00-00

Permit No:

Well Name/No: MORGAN STATE 7-36

Company Name: KERR-MCGEE OIL & GAS ONSHORE, L.P.

Location: Sec: 36 T: 9S R: 21E Spot: NENW

Coordinates: X: 627857 Y: 4428607

Field Name: NATURAL BUTTES

County Name: UTAH

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)
HOL1	255	11		
SURF	255	8.625	24	
HOL2	8017	7.875		
PROD	8017	4.5	11.6	

Capacity
(F/CF)

11.459

Cement from 255 ft. to surface

Surface: 8.625 in. @ 255 ft.

Hole: 11 in. @ 255 ft.

$$\text{Plug \#6} \quad 7\frac{7}{8}'' \times 4\frac{1}{2}'' (108)$$

$$\text{Surface: } 310' / (1.15 \times 11.459) = 245' \times 8\frac{5}{8}'' \times 4\frac{1}{2}''$$

$$\text{Hole: } 255' / (1.15 \times 11.459) = 210' \times 8\frac{5}{8}'' \times 4\frac{1}{2}''$$

$$255' / (1.15 \times 11.459) = 210' \times 8\frac{5}{8}'' \times 4\frac{1}{2}''$$

$$93' \times \text{total} \rightarrow \text{propose } 90' \times$$

33465
4-046

Plug #5

Below

Above

Plug #4

Below

Above

Plug #3

Below

Above

Plug #2

Below

Above

Plug #1

Below

Above

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	8017	2950	HG	350
PROD	8017	2950	T2	1173
PROD	8017	2950	G	290
SURF	255	0	G	0
SURF	255	0	HG	0
SURF	255	0	T2	0
SURF	255	0	PA	85

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
4877	6129			
6732	7620			

Formation Information

Formation	Depth
GRRV	1318
BMSW	2000
PARCK	3049
WSTC	4650
MVRD	7334

Cement from 8017 ft. to 2950 ft.

Production: 4.5 in. @ 8017 ft.

Hole: 7.875 in. @ 8017 ft.

TD:

8017 TVD:

PBDT:

Name: **MORGAN STATE 7-36**
Surface Location: NENW SEC.36, T9S, R21E
 Uintah County, UT

9/12/11

API: 4304732811 **LEASE#:** ML-22265

ELEVATIONS: 4988' GL 5002' KB

TOTAL DEPTH: 8017' **PBTD:** 7974'

SURFACE CASING: 8 5/8", 24# K-55 @ 255', 11" Hole
 TOC @ Surface

PRODUCTION CASING: 4 1/2", 11.6# N-80 @ 8017', 7 7/8" Hole
 TOC @ 2950' per CBL

PERFORATIONS: Wasatch 4877' - 6129'
 Mesaverde 6732' - 7620'

Tubular/Borehole	Drift inches	Collapse psi	Burst psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1624	0.02171	0.00387
4.5" 11.6# N-80	3.875	6350	7780	0.6528	0.0872	0.0155
8.625" 24# J-55	8.097	1370	2950	2.6749	0.3537	0.0636
Annular Capacities						
2.3/8" tbg. X 4 1/2" csg				0.4226	0.0565	0.01
4.5" csg X 8 5/8" 24# csg				1.8487	0.2471	0.044
4.5" csg X 7.7/8 borehole				1.704	0.2278	0.0406
8.5/8" csg X 11" borehole				1.9026	0.2543	0.0453

Formation **Depth to top, ft.**
 Uinta Surface
 Green River 1318'
 Bird's Nest 1691'
 Mahogany 2195'
 Base of Parachute 3049'
 Wasatch 4650'
 Mesaverde 7334'

Tech. Pub. #92 Base of USDW's
 USDW Elevation ~3000 MSL
 USDW Depth ~2002' KBE

MORGAN STATE 7-36 PLUG & ABANDONMENT PROCEDURE**GENERAL**

- H₂S MAY BE PRESENT. CHECK FOR H₂S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLs FLUID.
- PLUGS ARE TO BE TAGGED TO ENSURE THEY ARE AT DEPTH SPECIFIED.
- NOTIFY UDOGM 24 HOURS BEFORE MOVING ON LOCATION.

PROCEDURE

Note: An estimated 353 sx Class "G" cement needed for procedure

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. PULL TBG & LD SAME. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL. A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.
3. **PLUG #1, ISOLATE MESAVERDE/WASATCH PERFORATIONS (4877'-7620') & PROTECT TOP OF WASATCH (4650')**: RIH W/ 4 ½" CIBP. SET @ ~4830 RELEASE CIBP, PUH 10', BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF **21 SX / 4.3 BBL / 24.4 CUFT**. ON TOP OF PLUG. PUH ABOVE TOC (~4550'). REVERSE CIRCULATE W/ TREATED FRESH WATER.
4. **PLUG #2, PROTECT BASE OF PARACHUTE (~3049')**: PUH TO ~3150'. BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF **16 SX / 3.1 BBL / 17.4 CUFT** AND BALANCE PLUG W/ TOC @ ~2950' (200' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.
5. **PLUG #3, PROTECT TOP OF MAHOGANY (2195') & BASE OF USDW (~2002')**: POOH W/ TUBING. RIH W/ WIRELINE & PERFORATE @ 2300' W/ 4 SPF. POOH. PU & RIH W/ 4 ½" CICR, SET @ ~2250'. RIH W/ TBG & STING INTO CICR & SQUEEZE PERFS W/ APPROXIMATELY **83 SX / 17.0 BBL / 95.5 CUFT** OR SUFFICIENT VOLUME TO FILL ANNULUS TO 1900'. STING OUT OF CICR AND SPOT **27 SX / 5.4 BBL / 30.5 CUFT** CMT ON TOP OF CICR. BRK CIRC W/ FRESH WATER. PUH ABOVE TOC (~1900').
6. **BIRD'S NEST WATER SAMPLE**: POOH W/ TUBING. RIH W/ WIRELINE & PERFORATE 4 SPF @ **1767-55, 1635-20, & 1616-09'**. R/U TO SWAB THE ZONE AND OBTAIN A REPRESENTATIVE SAMPLE. **ENSURE** A NALCO REPRESENTATIVE IS ON LOCATION TO MONITOR FLUID SAMPLES FOR Ph AND CHLORIDES.
 - a. ONCE FINAL FLUID SAMPLE ARE OBTAINED, **STABILIZE** SAMPLES WITH A SCALE INHIBITOR FOR SHIPMENT AND PRESERVATION. COLLECT ENOUGH

SAMPLES TO BE SHIPPED OFF TO NALCO'S LAB IN TEXAS, THEIR LAB IN Vernal,
AND PROVIDE SAMPLES TO ROBERT MILLER.

7. **PLUG #4, PROTECT TOP OF BIRD'S NEST (~1691') & SQUEEZE PERFORATIONS (1767' - 1609')**: POOH W/ TUBING. RIH W/ 4 ½" CICR, SET @ ~1560'. RIH W/ TBG & STING INTO CICR & SQUEEZE PERFS W/ APPROXIMATELY **57 SX / 11.6 BBL / 65.2 CUFT** OR SUFFICIENT VOLUME TO FILL CSG & ANNULUS TO 1560'. STING OUT OF CICR AND SPOT **4 SX / 0.8 BBL / 4.4 CUFT** CMT ON TOP OF CICR. BRK CIRC W/ FRESH WATER. POOH ABOVE TOC (~1510'). REVERSE CIRCULATE W/ TREATED FRESH WATER.
8. **PLUG #5, PROTECT TOP OF GREEN RIVER (1318')**: POOH W/ TUBING. RIH W/ WIRELINE & PERFORATE @ 1420' W/ 4 SPF. POOH. PU & RIH W/ 4 ½" CICR, SET @ ~1370'. RIH W/ TBG & STING INTO CICR & SQUEEZE PERFS W/ APPROXIMATELY **46 SX / 9.3 BBL / 52.2 CUFT** OR SUFFICIENT VOLUME TO FILL ANNULUS TO 1210'. STING OUT OF CICR AND SPOT **12 SX / 2.5 BBL / 14.0 CUFT** CMT ON TOP OF CICR. BRK CIRC W/ FRESH WATER. POOH ABOVE TOC (~1210'). REVERSE CIRCULATE W/ TREATED FRESH WATER.
9. **PLUG #6, CEMENT SURFACE HOLE**: POOH W/ TBG. RIH W/ WIRELINE, PERFORATE @ 310' W/ 4 SPF. POOH W/ WIRELINE. RU CEMENT SERVICE TO PROD CSG. PUMP **90 SX / 18.3 BBL / 102.6 CUFT** OR SUFFICIENT VOLUME TO FILL CASING AND CASING ANNULUS TO SURFACE.
10. CUT OFF WELLHEAD AND INSTALL MARKER PER BLM GUIDELINES.
11. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB. SURFACE RECLAMATION TO BE PERFORMED IN ACCORDANCE WITH R649-3-34 - WELL SITE RESTORATION.

ALM 9/1/2011

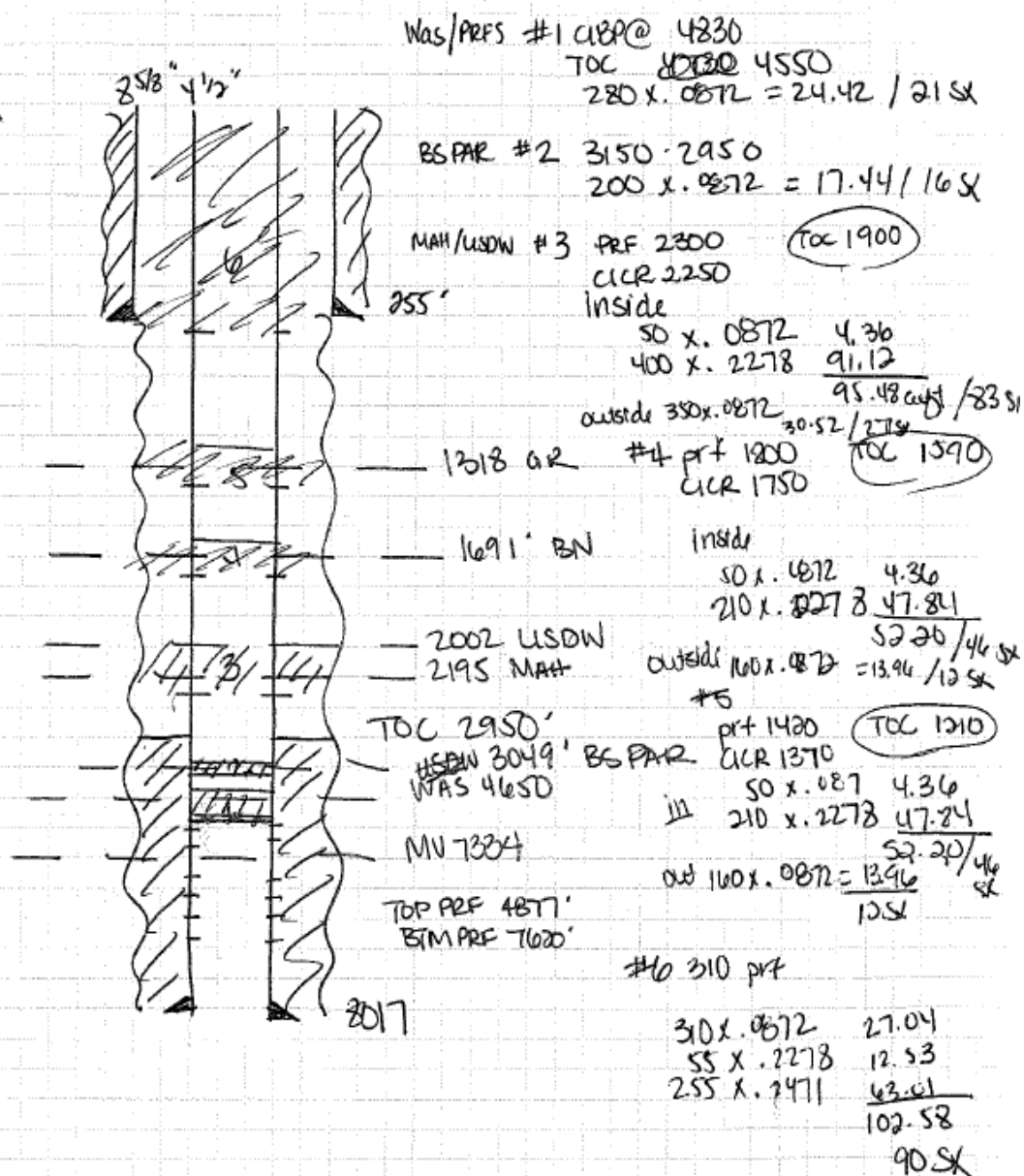


APC 206 2/01

PROJECT COMPUTATIONS

NO. _____ OF _____ SHEETS

DATE MS 7-30 PROJECT _____ JOB NO. _____
 BY UDDAM CHK.: _____ SUBJECT _____



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22265
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: MORGAN STATE 7-36
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FNL 1980 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 36 Township: 09.0S Range: 21.0E Meridian: S		9. API NUMBER: 43047328110000
PHONE NUMBER: 720 929-6514		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 3/6/2012	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input checked="" type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 A Plug and abandonment procedure was submitted and approved for this well on 11/17/2011. After further review, the operator requests approval to plug back and abandon the existing Wasatch and Mesaverde perforations, and recomplete the subject well in the Green River formation. Please see attached procedure for details. Thank you.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: March 20, 2012

By: *Derek Duff*

NAME (PLEASE PRINT) Jaime Scharnowske	PHONE NUMBER 720 929-6304	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 3/6/2012	

Greater Natural Buttes Unit



MORGAN STATE 7-36

PLUGBACK WASATCH/MESAVERDE AND COMPLETE GREEN RIVER

DATE:2-22-2012

AFE#:

API#:4304732811

USER ID:CKW374 (Frac Invoices Only)

COMPLETIONS ENGINEER: James Page, Denver, CO
720-929-6747 (Office)
303-501-2731 (Cell)

SIGNATURE:

ENGINEERING MANAGER: JEFF DUFRESNE

SIGNATURE:

REMEMBER SAFETY FIRST!

Name: **MORGAN STATE 7-36**
Location: **NE NW SEC 36 T9S R21E**
LAT: 39.99809 LONG: -109.50163 COORDINATE: NAD27 (Surface Location)
Uintah County, UT
Date: **2-22-2012**

ELEVATIONS: 4988' GL 5002' KB *Frac Registry TVD: 8017'*

TOTAL DEPTH: 8017' **PBTD:** 7974'
SURFACE CASING: 8 5/8", 24# K-55 @255'
PRODUCTION CASING: 4 1/2", 11.6#, N-80 @ 8017'
 Marker Joint **4662-4673'**

TUBULAR PROPERTIES:

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
4 1/2" 11.6# N-80 (See above)	7780	6350	3.875"	0.0155	0.6528
2 3/8" by 4 1/2" Annulus				0.0101	0.4227

TOPS:

1318' Green River Top
 1691' Bird's Nest Top
 2195' Mahogany Top
 4650' Wasatch Top
 7334' Mesaverde Top
 *Based on latest geological interpretation

BOTTOMS:

7334' Wasatch Bottom
 8017' Mesaverde Bottom (TD)

T.O.C. @ 2950'

**Based on latest interpretation of CBL

GENERAL:

- A minimum of **6** tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from SLB's Density log dated 1/16/1998
- **1** fracturing stages required for coverage.
- Procedure calls for **1** CBP's (**8000** psi) and 1 CIBPS (10,000 psi) .
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Pump scale inhibitor at 1.5 gpt (in pad and until 1.25 ppg ramp up is reached) and 10 gpt in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, **Slickwater frac.**
- Maximum surface pressure **5500** psi.

- If casing pressure test fails. MIRU with tubing and packer. Isolate leak by pressure testing above and below the packer. RIH and set appropriate casing leak remediation (specific details on remediation will be provided in post-job-report). Re-pressure test to 1000 and 3500 psi for 15 minutes each and to 5500 psi for 30 minutes.
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). Stage acid and scale inhibitor if necessary to cover the next perforated interval.
- **Call flush at 0 PPG @ inline densimeters. Slow to 5 bbl/min over last 10-20 bbls of flush. Flush to top perf.**
- Cement vols. assume neat Class G with a yield of 1.145CUFT./SX Onsite personnel must ensure stated slurry vol. is achieved if a different product is used

Existing Perforations:

<u>Formation</u>	<u>Zone</u>	<u>Top</u>	<u>Btm</u>
WASATCH		4877	4877
WASATCH		4884	4884
WASATCH		5176	5176
WASATCH		5183	5183
WASATCH		5527	5527
WASATCH		6129	6129
WASATCH		6732	6732
WASATCH		6736	6736
WASATCH		7093	7093
WASATCH		7099	7099
WASATCH		7290	7290
WASATCH		7304	7304
MESAVERDE		7575	7575
MESAVERDE		7620	7620

Relevant History:

Originally completed 2/16/1998
 4/21/2010 Well returned to production
 Produces less than 20 MCF/Day

H2S History:

Warning : H2S maybe present @ separator

H2S Data		Year (Timetag), Month (Timetag)											
Location Name	(Column Names)	2011											
		c	Jan	Feb	Mar	May	Jun	Jul	Aug	Sep	Oct	Dec	
MORGAN STATE 07-36	Max(Tank H2S (ppm))	0	0	0	0	0	0	0	0	0	0	0	
	Max(Separator H2S (ppm))	46	0	38	60	36	0	85	3	43	0	82	

PROCEDURE: (If using any chemicals for pickling tubing or H2S Scavenging, have MSDS for all chemicals prior to starting work.)

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. RU WIRELINE. ENSURE WELLBORE IS CLEAN.
3. **PLUG #1, ISOLATE MV/WAS PERFORATIONS (4877' – 7620'):** RIH W/ 4 ½" CIBP. SET @ ~4865'. RELEASE CBP, PUH 10', BRK CIRC W/ FRESH WATER. PRESSURE TEST CASING TO 500 PSI. INFORM ENGINEERING IF IT DOESN'T TEST. **16 SX / 3.3 BBL / 18.3 CUFT** AND BALANCE PLUG W/ TOC @ ~4655' (210' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.
4. Note tight spacing between top of cement plug and bottom Green River perms. Ensure bottom perf depth (4649') is accessible before RDMO.
5. ND BOPs and NU frac valves. Test frac valves and casing to 1000 and 3500 psi for 15 minutes each and to 5500 psi for 30 minutes; if pressure test fails contact Denver engineer and see notes. As per standard operating procedure install steel blowdown line to reserve pit from 4-1/2" X 8-5/8" annulus. Lock **OPEN** the Braden head valve. Annulus will be monitored throughout stimulation. If release occurs, stimulation will be shut down. Well conditions will be assessed and actions taken as necessary to secure the well. UDOGM will be notified if a release to the annulus occurs.
6. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
Green River	4541	4542	4	4
Green River	4565	4566	4	4
Green River	4580	4581	4	4
Green River	4604	4605	4	4
Green River	4618	4619	4	4
Green River	4648	4649	4	4
7. Breakdown perms and establish injection rate (include scale inhibitor in fluid). Spot 250 gals of 15% HCL and let soak 5-10 min. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~4543' and flush only with recycled water .
8. Set 8000 psi CBP at ~4493'.
9. ND Frac Valves, NU and Test BOPs.
10. TIH with 3 7/8" mill, pump off sub, XN nipple and tubing.

11. Mill 1 plugs and clean out to a depth of 4655'.
12. Land tubing at 4500', drop ball and pump off sub.
13. Clean out well with foam and/or swabbing unit until steady flow has been established from completion.
14. **Leave surface casing valve open.** Monitor and report any flow from surface casing. RDMO

For design questions, please call
James Page, Denver, CO
720-929-6747 (Office)
303-501-2731 (Cell)

For field implementation questions, please call
Jeff Samuels, Vernal, UT
(435)-781-7046 (Office)

NOTES:

If using any chemicals for pickling tubing or H2S Scavenging, have MSDS for all chemicals prior to starting work

Verify that the Braden head valve is locked OPEN.

Service Company Supplied Chemicals - Job Totals

Friction Reducer	43	gals @	0.5	GPT
Surfactant	86	gals @	1.0	GPT
Clay Stabilizer	86	gals @	1.0	GPT
15% Hcl	336	gals @	1	GPT + 250 GAL/STG
Iron Control for acid	2	gals @	5.0	GPT of acid
Surfactant for acid	0	gals @	1.0	GPT of acid
Corrosion Inhibitor for acid	1	gals @	2.0	GPT of acid

Party Supplied Chemicals Job Totals - Include Pumping Charge if Applicable

Scale Inhibitor	113	gals pumped	1.5 GPT	
Biocide	26	gals @	0.3	GPT

Name Morgan ST 7-36 - GR Recomplete
Perforation and CBP Summary

Stage	Zones	Perforations		SPF	Holes		Fracture Coverage		
		Top, ft	Bottom, ft						
1	Green River	4541	4542	4	4		4540	to	4620
	Green River	4565	4566	4	4				
	Green River	4580	4581	4	4				
	Green River	4604	4605	4	4				
	Green River	4618	4619	4	4				
	Green River	4648	4649	4	4		4640	to	4650
	Green River								
	# of Perfs/stage				24		CBP DEPTH	4,491	
	Totals				24				

Fracturing Schedules									
Name		Morgan ST 7-36 - GR I		Copy to new book		Recomplete? Pad?		Y	
Slickwater Frac						ACTS?		N	
						</			

Acid Pickling and H2S Procedures (If Required)

****PROCEDURE FOR PUMPING ACID DOWN TBG**

WHEN FINDING SCALE IN TUBING THAT IS ACID SOLUBLE, ENSURE THAT PLUNGER EQUIPMENT IS REMOVED AND ABLE TO PUMP DOWN TBG. INSTALL A 'T' IN PUMP LINE W/2" VALVE THAT NALCO CAN TIE INTO. HAVE 60 BBLs 2% KCL MIXED W/ 10-15 GAL H2S SCAVENGER IN RIG FLAT TANK. (WE USED THE RIG FLAT TANK FOR MIXING CHEMICAL SO WE DIDN'T HAVE THE CHEMICAL IN ALL FLUIDS ON LOCATION, ONLY WHAT WE NEEDED TO PUMP DOWN HOLE)

1. PUMP 5-10 BBLs 2% KCL DOWN TBG (NALCO CANNOT PUMP AGAINST PRESSURE)
2. NALCO WILL PUMP 3 DRUMS HCL (31%) INTO PUMP LINE.
3. FLUSH BEHIND ACID WITH 10-15 BBL 2% KCL
4. PUMP 2—30 BBL 2% W/ H2S SCAVENGER DOWN TBG.
5. PUMP REMAINDER OF 2% W/ H2S SCAVENGER DOWN CASING AND SHUT WELL IN FOR MINIMUM OF 2 HRS.
6. OVER DISPLACE DOWN TBG AND CSG TO FLUSH ACID AND SCAVENGER INTO FORMATION
7. MONITOR TUBING FOR FLOW AND CASING FOR H2S NOW AS POOH W/ TUBING.

**** PROCEDURE FOR PUMPING H2S SCAVENGER WITHOUT ACID**

PRIOR TO RIG MOVING ON OR AS RIG PULLS ONTO LOCATION. TEST CASING, TUBING AND SEPARATOR FOR H2S. IF FOUND MAKE SURE THAT PLUNGER SYSTEM IS REMOVED (IT IS POSSIBLE TO PUMP AROUND PLUNGERS BUT SOME WILL HAVE A STANDING VALVE IN SEATING NIPPLE).

1. MIX 10-15 GAL H2S SCAVENGER WITH 60-100 BBL 2% KCL IN RIG FLAT TANK.
2. PUMP 25 BBLs MIXTURE DOWN TUBING AND REST DOWN CASING. SHUT WELL IN FOR 2 HOURS.
3. IF WELL HAS PRESSURE AFTER 2 HOURS – RETEST CASING AND TUBING FOR H2S.
4. FLUSH TUBING AND CASING PUSHING H2S SCAVENGER INTO FORMATION.
5. MONITOR TUBING FOR FLOW AND CASING FOR H2S NOW AS POOH W/ TUBING.

**** As per APC standard operating procedure, APC foreman will verify ALL volumes pumped and record on APC Volume Report Form**

Key Contact information

Production Engineer

Brad Laney: 435/781-7031, 435/828-5469

Completion Supervisor Foreman

Jeff Samuels: 435-828-6515, 435-781-7046

Completion Manager

Jeff Dufresne: 720-929-6281, 303-241-8428

Vernal Main Office

435-789-3342

Emergency Contact Information—Call 911

Vernal Regional Hospital Emergency: 435-789-3342

Police: (435) 789-5835

Fire: 435-789-4222

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: KERR McGEE OIL & GAS ONSHORE LP Operator Account Number: N 2995
Address: P.O. Box 173779
city DENVER
state CO zip 80217 Phone Number: (720) 929-6304

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304732811	MORGAN STATE 7-36		NENW	36	9S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<u>C</u>	12134	2900	5/21/1997		<u>2/1/2012</u>		
Comments: <u>moved into NBu</u> — <u>3/30/2012</u>							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304732812	MORGAN STATE 8-36		NENE	36	9S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<u>C</u>	12179	2900	8/3/1997		<u>2/1/2012</u>		
Comments: Please update the subject well to reflect production from WSMVD. <u>moved into unit NBu</u> — <u>3/30/2012</u>							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304732813	MORGAN STATE 11-36		NESW	36	9S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
<u>C</u>	12137	2900	4/29/1997		<u>2/1/2012</u>		
Comments: <u>moved into NBu</u> — <u>3/30/2012</u>							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

RECEIVED

MAR 29 2012

Div. of Oil, Gas & Mining

JAIME SCHARNOWSKE

Name (Please Print)

Signature

REGULATORY ANALYST

Title

3/28/2012

Date

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: KERR MCGEE OIL & GAS ONSHORE LP Operator Account Number: N 2995
Address: P.O. Box 173779
city DENVER
state CO zip 80217 Phone Number: (720) 929-6304

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304732811	Morgan State 07-36		NENW	36	9S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
C	2900	12134	5/21/1997			7/18/2002	
Comments: put into NBU in error							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304732812	Morgan State 08-36		NENE	36	9S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
C	2900	12179	8/3/1997			7/18/112	
Comments: put into NBU in error							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304732813	Morgan State 11-36		NESW	36	9S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
C	2900	12137	4/29/1997			7/18/112	
Comments: put into NBU in error							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

JAIME SCHARNOWSKE

Name (Please Print) Jaime Scharnowske

Signature
REGULATORY ANALYST 7/9/2012

Title REGULATORY ANALYST Date 7/9/2012

JUL 09 2012

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22265
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: MORGAN STATE 7-36
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FNL 1980 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 36 Township: 09.0S Range: 21.0E Meridian: S		9. API NUMBER: 43047328110000
PHONE NUMBER: 720 929-6511		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/2/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100%;" type="text"/> </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The operator requests approval to abandon the existing WASATCH formation and recomplete the subject well in the Green River formation. This is a State well with the lease number ML-22265. Please see the attached procedure. Also please find the attached Exception Location Letter. Thank you.		
NAME (PLEASE PRINT) Matthew P Wold		PHONE NUMBER 720 929-6993
SIGNATURE N/A		TITLE Regulatory Analyst I
DATE 7/2/2013		APPROVED BY: <div style="text-align: center;"> Approved by the Utah Division of Oil, Gas and Mining Date: July 03, 2013 By: </div>



Maverick Unit

MORGAN STATE 7-36 WELL PREPARATION + DFIT + GREEN RIVER RECOMPLETE PROCEDURE

FIELD ID: N/A

DATE: 06/10/2013
AFE#:
API#: 4304732811
USER ID: WIU473

COMPLETIONS ENGINEER: Patricia Cuba, Denver, CO
(720) 929-6348 (Office)
(303) 601-7259 (Cell)

REMEMBER SAFETY FIRST!

Name: **MORGAN STATE 7-36**
Location: **NE NW SEC 36 T9S R21E**
LAT: 39.997935 **LONG: -109.502432** **COORDINATE: NAD83 (Surface Location)**
Uintah County, UT
Date: **06/10/2013**

ELEVATIONS: 4988' GL 5002' KB *Frac Registry TVD: 8017*

TOTAL DEPTH: 8017' **Composite Cement Retainer set @ 2817'**
CIBP @ 4865'
PBTD: 7974'

SURFACE CASING: 8 5/8", 24# K-55 STC @ 255'

PRODUCTION CASING: 4 1/2", 11.6#, N-80 LTC @ 8017'

Marker Joint 4662'-4673'

TUBULAR PROPERTIES:

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 7/8" 6.5# N-80 tbg	10,570	11,170	2.347"	0.00579	0.2432
2 3/8" 4.7# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
4 1/2" 11.6# I-80	7,780	6,350	3.875"	0.0155	0.6528
2 3/8" by 4 1/2" Annulus				0.0101	

TOPS:

1560' Bird's Nest Top
 2065' Mahogany Top
 3049' Douglas Creek Top
 4109' Carb. Marker Top
 4259' Long Point Top
 4537' Uteland ButteTop
 4651' Wasatch Top
 7334' Mesaverde Top

*Based on latest geological interpretation

T.O.C. @ 3000'

**Based on latest interpretation of CBL

- CBL was run from 2800' to TD. A CBL should be rerun to evaluate cement bond from surface to 2800'.
- Hydraulic isolation estimated at **3084'** based upon from Schlumberger's CBL dated 02/02/1998
- All perforation depths are from Schlumbergers Induction-Density-Neutron log dated 01/16/1998

GENERAL:

- Please note that:
 - DFITs will be pumped in selective intervals. Detailed information regarding timing and intervals tested can be found in the post-job report.
 - In addition, all stages on this procedure may or may not be completed due to low frac gradients, timing, or other possible reasons. Total stages completed can be found in the post-job-report.
 - CBP depth on this procedure is only to be used as a reference. This depth is subject to change as per field operations and the discretion of the wireline supervisor and field foreman.

Existing Perforations (from Open Wells):

<u>PERFORATIONS</u>						
<u>Formation</u>	<u>Zone</u>	<u>Top</u>	<u>Btm</u>	<u>Date</u>	<u>Reason</u>	<u>Comments</u>
WASATCH		4877	4877	01/14/1998		JET
WASATCH		4884	4884	01/14/1998		JET
WASATCH		5176	5176	01/14/1998		JET
WASATCH		5183	5183	01/14/1998		JET
WASATCH		5527	5527	01/14/1998		JET
WASATCH		6129	6129	01/14/1998		JET
WASATCH		6732	6732	01/14/1998		JET
WASATCH		6736	6736	01/14/1998		JET
WASATCH		7093	7093	01/14/1998		JET
WASATCH		7099	7099	01/14/1998		JET
WASATCH		7290	7290	01/14/1998		JET
WASATCH		7304	7304	01/14/1998		JET
MESAVERDE		7575	7575	01/14/1998		JET
MESAVERDE		7620	7620	01/14/1998		JET

Relevant History:

05/21/1997: Well spudded

02/06/1998: Completed in Wasatch/Mesaverde formation (4877'-7620') with:

- Stage 1: 60,580 gal of gel, 130,000 lbs of 20/40 sand and 20,000 lbs of 20/40 RCS
- Stage 2: 23,580 gal of gel, 55,000 lbs of 20/40 sand and 20,000 lbs of RCS

05/02/1998: Performed Top Down Cement job with 65 sxs of Class G cement w/LCM and 190 sxs of Class G tail. On vacuum at the end of the job.

05/19/1998: Perform 2nd Top Down Cement job w/35 sxs of Class G cement.

07/26/2006: Pumped 4 drums of 15% HCl down tubing

06/05/2012: POOH w/ tubing, RIH w/ gauge ring to 4875', POOH, RIH w/ 10K CIBP and set it @ 4865', POOH.

06/06/2012: Pressure test casing to 1000 psi, with no hold. RIH w/ packer to pressure test every 1000'. Found a leak between 2864'-2886'.

06/07/2012: Set cement retainer @ 2817'. Pumped approximately 64 bbls of water w/ 2-3% CaCl₂ and cement mix and 100 sacks of cement to cement squeeze casing leak (2 batches). Reverse circulated ~ 5 bbls of cement. POOH and RDMO. CEMENT RETAINER IN HOLE.

H2S History: Please beware of possible H₂S presence at the separator (refer to table)

Production Date ▼	Gas (avg mcf/day)	Water (avg bbl/day)	Oil (avg bbl/day)	LGR (bbl/Mmcf)	Max H2S Seperator (ppm)
6/30/2012	0.00	0.00	0.00	#NA	
5/31/2012	0.00	0.00	0.00	#NA	1.00
4/30/2012	0.00	0.00	0.00	#NA	
3/31/2012	0.00	0.00	0.00	#NA	
2/29/2012	0.00	0.00	0.00	#NA	
1/31/2012	1.55	0.00	0.00	0.00	
12/31/2011	10.29	0.00	0.00	0.00	82.00
11/30/2011	11.27	0.00	0.00	0.00	
10/31/2011	11.68	0.00	0.00	0.00	0.00
9/30/2011	15.17	0.00	0.00	0.00	43.00
8/31/2011	15.77	0.00	0.00	0.00	3.00
7/31/2011	16.06	0.00	0.00	0.00	85.00
6/30/2011	15.90	0.00	0.00	0.00	0.00
5/31/2011	16.74	0.00	0.00	0.00	36.00
4/30/2011	16.40	0.00	0.00	0.00	
3/31/2011	12.58	0.00	0.00	0.00	60.00
2/28/2011	13.14	0.00	0.00	0.00	38.00
1/31/2011	13.23	0.00	0.00	0.00	0.00
12/31/2010	13.52	0.00	0.00	0.00	46.00
11/30/2010	14.50	0.00	0.00	0.00	36.00
10/31/2010	18.06	0.00	0.00	0.00	
9/30/2010	16.87	0.00	0.00	0.00	
8/31/2010	12.97	0.00	0.00	0.00	37.00
7/31/2010	5.39	0.00	0.00	0.00	10.00
6/30/2010	11.57	0.00	0.00	0.00	12.00
5/31/2010	20.48	0.00	0.00	0.00	

PRE-JOB CONSIDERATIONS:

- **Plug calculations are based on Class G cement with 0% Bentonite. Adjust the cement slurry volumes if a different cement type will be used.**
- **1** fracturing stages and **3** acidizing stages required for coverage.
- A minimum of **6** tanks (cleaned lined 500 bbl) of fresh water will be required
- **800 bbls** of 15% HCl will be required for this job

Note:

- **Use biocide from Nalco as applicable in frac tanks**
- **Use Parasorb from Baker**
- **Do NOT use scale inhibitor**
- **Use only fresh water in order to assure crosslinked fluid performance**
- **Water needs to be at least 65-75°F at pump time**
- Procedure calls for **4 CBP's (8,000 psi)**
- 20/40 mesh Ottawa sand.

- Max Sand Concentration: Green River - 3 ppg

ON SITE CONSIDERATIONS:

- Maximum surface pressure **6200 psi**.
- **If casing pressure test fails (pressure loss of 1.5% psi or more), retest for 15 minutes. If pressure loss of 1.5% more on second test, notify Denver engineers. Record in Openwells. MIRU with tubing and packer. Isolate leak by pressure testing above and below the packer. RIH and set appropriate casing leak remediation. Re-pressure test to 1000 and to 6200 psi for 30 minutes (specific details on remediation should be documented in OpenWells).**
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Flush volumes are the sum of FR water used during displacement.
- **Call flush at 0 PPG @ inline densimeters.** Slow to 5 bbl/min over last 10-20 bbls of flush.
- pH should be measured during the treatment in order to make sure acid has been flushed from the treating lines and will not affect the cross-linked gel.
- Multiple test samples will be pulled on the fly to check crosslinked gel.
- Bucket tests should be performed prior to pumping to assure the chemical pumps working and pumping at the desired rate.
- Soda ash should be brought to location to neutralize any acid spill.
- **If ball sealers will be pumped, verify the type (material, diameter and SG) before the treatment. Also, verify the number of balls that are dropped per turn. At the end of the treatment, manually verify the number of balls remaining and the number of balls pumped.**

PROCEDURE:

WELL PREPARATION

1. MIRU. Kill well as needed. ND WH, NU and test BOPE.
2. TIH with bit, drillout cement retainer @ 2817' and cleanout to 4865' (location of existing CIBP). Circulate hole clean with fresh water with clay stabilizer and biocide.
3. Perform pressure test to evaluate effectiveness of squeeze job previously performed (refer to the Well History section). If casing pressure test fails, contact Engineering in Denver office to determine remedial work.
4. **CEMENT PLUG ON TOP OF CIBP TO ISOLATE WASATCH:** This isolation plug consists of 100' of cement on top of the existing CIBP @ 4865' (~ 12' above top of Wasatch perforations), leaving 100' between proposed bottom perms in Uteland Butte and TOC. This ~100' rat hole will be used to place the downhole pump to improve its performance. The CBL shows excellent cement bond to pipe within this rat hole, assuring proper isolation from Wasatch.

Pressure test casing **based on max allowable pressure due to cement squeeze**. Inform engineering if it doesn't test. RIH w/ 2 3/8" tubing and tag CIBP, PUH 10', break circulation

with fresh water. Displace a minimum of 13 **SX/ 1.6 BBL/ 9 CUFT** of cement on top of plug. PUH above TOC (~**4765'**, equivalent to 100' COVERAGE). REVERSE CIRCULATE W/ TREATED FRESH WATER.

5. POOHw/ tubing, ND BOP, NU frac valves, RDMO
6. Pressure test frac lines and frac valves to max surface pressure + 1000 psi for 15 minutes. Pressure loss should be less than 10% to be considered acceptable. Check and correct for existing leaks. **Lock OPEN the Braden head valve.**
7. **Leave surface casing valve open.** Monitor and report any flow from surface casing. RDMO

DFIT:

8. RIH with wireline and perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
UTELAND BUTTE	4580	4582	3	6
UTELAND BUTTE	4584	4586	3	6

9. POOH and RIH with 2 7/8" flush joint tubing and packer (BHA details to follow later) and set the top of the packer at ~ 3000' (below suspected squeezed casing collar).
10. RIH w/ anchor latch seal assembly and ~3000' of 2-7/8" L-80 frac string. Prior to latching onto packer, circulate annulus with packer fluid. Latch onto packer.
11. RIH with three (03) memory tools (**data acquisition frequency should be set at 1/sec**). Set gauges @ 4583'.
12. Perform a DFIT test on perforations **4580' - 4586'** as follows:
 - a. Dump bail acid if need to breakdown the perforations
 - b. Pump **1000 gals @ 7 bpm** (make sure the pumping rate is **constant**).
 - c. The service company pumping the DFIT should record and provide an .txt file including the following information:
 - i. Surface Treating Pressure
 - ii. Injection Rate
 - iii. Volume pumped
 - iv. Actual Time
 - v. Elapsed Time
 - d. After pumping the above volume, shut well in **for a minimum of 144 hours (6 days)** as directed by Denver engineering.
 - e. POOH w/wireline and DH gauges. **NOTE: Stop every 500' for 5 minutes to gather static pressures while pulling out the gauges.**

13. Unset packer and POOH with tubing and packer.

14. RIH with wireline and perf the remaining intervals in the stage with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
------	------	----	-----	------------

UTELAND BUTTE	4557	4558	3	3
UTELAND BUTTE	4593	4595	3	6
UTELAND BUTTE	4604	4606	3	6
UTELAND BUTTE	4619	4620	3	3
UTELAND BUTTE	4646	4648	3	6

COMPLETION:

1. RIH with 2 7/8" flush joint tubing and packer (BHA details to follow later) and set the top of the packer at ~ 3000'.
2. RIH w/ anchor latch seal assembly and ~3000' of 2-7/8" L-80 frac string. Prior to latching onto packer, circulate annulus with packer fluid. Latch onto packer.
3. Pressure test frac lines to max surface pressure + 1000 psi for 15 minutes. Pressure loss should be less than 10% to be considered acceptable. Check and correct for existing leaks.
4. If needed, dump bail 250 gals of 15% HCl. Breakdown perfs and establish injection rate. Treat as outlined in Stage 1 on attached listing. Displace with FR water to 4648' (bottom perfs).

NOTE:

7/8" Rubber ball sealers will be pumped in this stage for diversion. Number of rubber ball sealers and timing to follow later.

15. Unset packer and POOH with tubing and packer.
5. RIH with wireline and set **8000** psi CBP at ~4298'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots	
CARB MARKER		4234	4236	6	12
CARB MARKER		4242	4244	6	12
CARB MARKER		4255	4257	6	12
6. If needed, dump bail 250 gals of 15% HCl.
7. RIH with 2 7/8" flush joint tubing and packer (BHA details to follow later) and set the top of the packer at ~ 3000'.
8. RIH w/ anchor latch seal assembly and ~3000' of 2-7/8" L-80 frac string. Prior to latching onto packer, circulate annulus with packer fluid. Latch onto packer.
9. Breakdown perfs and establish injection rate. Acidize as outlined in Stage 2 on attached listing. Displace with FR to 4257' (bottom perfs) and trickle 250 gal 15% HCl in flush.

NOTE:

- **Rubber ball sealers might be pumped in this stage for diversion. Type, number of rubber ball sealers and timing to follow later.**

16. Unset packer and POOH with tubing and packer.

10. RIH with wireline and set **8000** psi CBP at ~4174'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
CARB MARKER	4110	4112	6	12
CARB MARKER	4133	4136	6	18
CARB MARKER	4142	4144	6	12

11. RIH with 2 7/8" flush joint tubing and packer (BHA details to follow later) and set the top of the packer at ~ 3000'.
12. RIH w/ anchor latch seal assembly and ~3000' of 2-7/8" L-80 frac string. Prior to latching onto packer, circulate annulus with packer fluid. Latch onto packer.
13. Breakdown perfs and establish injection rate. Acidize as outlined in Stage 3 on attached listing. Displace with FR water to 4144' (bottom perfs) and trickle 250 gal 15%HCl in flush.

NOTE:

- **Rubber ball sealers might be pumped in this stage for diversion. Type, number of rubber ball sealers and timing to follow later.**

17. Unset packer and POOH with tubing and packer.

14. RIH with wireline and set **8000** psi CBP at ~3983'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
DOUGLAS CREEK	3931	3936	3	15
DOUGLAS CREEK	3937	3939	3	6
DOUGLAS CREEK	3951	3953	3	6

15. RIH with 2 7/8" flush joint tubing and packer (BHA details to follow later) and set the top of the packer at ~ 3000'.
16. RIH w/ anchor latch seal assembly and ~3000' of 2-7/8" L-80 frac string. Prior to latching onto packer, circulate annulus with packer fluid. Latch onto packer.
17. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 4 on attached listing. Displace to 3931' with fresh water (top perfs).
18. Unset packer and POOH with tubing and packer.
19. Set 8000 psi CBP at ~3881', unless otherwise indicated by Production Engineering in Vernal.
20. ND Frac Valves, NU and Test BOPs.
21. TIH with 3 7/8" bit, pump off sub, SN and tubing.

22. Drill plugs and clean out to 4765' (TOC) to make sure all the rubber ball sealers are knocked off the perforations. Shear off bit and land tubing at $\pm 4557'$ unless indicated otherwise by Production Engineering in Vernal.
23. Clean out well with foam and/or swabbing unit until steady flow has been established from completion.
24. **Leave surface casing valve open.** Monitor and report any flow from surface casing. RDMO

GREEN RIVER OIL WELL OPERATING PROCEDURE:

The Green River oil wells will be produced and treated in the following manner. Oil, water and gas will flow to surface treating facilities where it will be separated. The oil and water will then flow to storage tanks. Gas will flow in to the gathering system; which has a nominal operating pressure of ~120 psig. If gas line pressure increases above the 120 psig range the gas will flow to a compressor and be compressed to line pressure. If the compressor is down due to mechanical problems or line pressure is out of range for the compressor, gas will flow to a flare and be burned on site. If no compressor is installed then gas will be flared when pressure is greater than 120 psig.

Key Contact information

Completion Engineer

Patricia Cuba: 303/601-7259, 720/929-6348

Production Engineer

Jesse Markeveys: 215/380-0781, 435/781-7055

Brad Laney: 435/781-7031, 435/828-5469

Completion Supervisor Foreman

Jeff Samuels: 435/828-6515, 435/781-7046

Completion Manager

Jeff Dufresne: 720/929-6281, 303/241-8428

Vernal Main Office

435/789-3342

Emergency Contact Information—Call 911

Vernal Regional Hospital Emergency: 435-789-3342

Police: (435) 789-5835

Fire: 435-789-4222

Total Stages	4	stages
Xlinked stages	1	stages
Total Slickwater	22,263	gallons
Total Xlinked gel	31,590	gallons
Dump bail acid + Tank dead vol	1,380	gallons
Total Acid	33,606	gallons
Total 100-mesh sand	0	lbs
Total 20/40 sand	61,200	lbs

JOB TOTALS:

Friction Reducer	11	gals @	0.5	GPT
Surfactant	54	gals @	1.0	GPT
Clay Stabilizer	27	gals @	0.5	GPT
Biocide	16	gals @	0.30	GPT
Scale Inhibitor	0	gals @	0.00	GPT
Crosslinker	32	gals @	1.0	GPT
ph Control	8	gals @	0.3	GPT
Gelling agent	142	gals @	4.5	GPT
Breaker 1	57	gals @	1-2	PPT
Breaker 2	0	gals @	0.0	lbs in flush
Iron Control for acid	101	gals @	3.0	GPT of acid
Corrosion Inhibitor for acid	101	gals @	3.0	GPT of acid
Surfactant for acid	34	gals @	1.0	GPT of acid

Service Company Supplied Chemicals

Third Party Chemicals

Note: The chemical concentrations above might be subject to change as per Anadarko or Service company recommendation.

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12

Name Morgan State 7-36
Perforation and CBP Summary

Stage	Zones	Perforations		SPF	Holes	Fracture Coverage			
		Top, ft	Bottom, ft						
1	UTELAND BUTTE	4557	4558	3	3	4555	to	4650	
	UTELAND BUTTE	4580	4582	3	6				
	UTELAND BUTTE	4584	4586	3	6				
	UTELAND BUTTE	4593	4595	3	6				
	UTELAND BUTTE	4604	4606	3	6				
	UTELAND BUTTE	4619	4620	3	3				
	UTELAND BUTTE	4646	4648	3	6				
	UTELAND BUTTE								
	# of Perfs/stage				36	CBP DEPTH	4,298		
3	CARB MARKER	4234	4236	6	12	4232	to	4258	
	CARB MARKER	4242	4244	6	12				
	CARB MARKER	4255	4257	6	12				
	CARB MARKER								
	CARB MARKER								
	CARB MARKER								
	CARB MARKER								
	# of Perfs/stage				36	CBP DEPTH	4,174		
4	CARB MARKER	4110	4112	6	12	4110	to	4116	
	CARB MARKER	4133	4136	6	18				
	CARB MARKER	4142	4144	6	12				
	CARB MARKER								
	CARB MARKER								
	CARB MARKER								
	CARB MARKER								
	# of Perfs/stage				42	CBP DEPTH	3,983		
5	DOUGLAS CREEK	3931	3936	3	15	3928	to	4144	
	DOUGLAS CREEK	3937	3939	3	6				
	DOUGLAS CREEK	3951	3953	3	6				
	DOUGLAS CREEK								
	DOUGLAS CREEK								
	DOUGLAS CREEK								
	DOUGLAS CREEK								
	DOUGLAS CREEK								
	# of Perfs/stage				27	CBP DEPTH	3,881		
	Totals				141			Total	

WINSERVE SURVEY CALCULATIONS									
Minimum Curvature Method									
Vertical Section Plane .00									
Vertical Section Referenced to offset from Wellhead: EW =.00 Ft , NS=.00 Ft									
Rectangular Coordinates Referenced to Wellhead									
Measured	Incl	Drift	TRUE			Vertical	CLOSURE	CLOSURE	Dogleg
Depth	Angle	Direction	Vertical	N-S	E-W	Section	Distance	Direction	Severity
FT	Deg	Deg	Depth	FT	FT	FT	FT	Deg	Deg/100
0	0	0	0	0	0	0	0	0	0
100	0	0	100	0	0	0	0	0	0
200	0	0	200	0	0	0	0	0	0
300	0.25	346.82	300	0.21	-0.05	0.21	0.22	346.82	0.25
400	0	0	400	0.42	-0.1	0.42	0.44	346.82	0.25
500	0	0	500	0.42	-0.1	0.42	0.44	346.82	0
600	0	0	600	0.42	-0.1	0.42	0.44	346.82	0
700	0.25	75.74	700	0.48	0.11	0.48	0.49	13.17	0.25
800	0.5	116.73	800	0.34	0.71	0.34	0.79	64.77	0.35
900	0.75	121.71	899.99	-0.2	1.66	-0.2	1.67	97.01	0.26
1000	0.75	119.69	999.98	-0.87	2.78	-0.87	2.92	107.39	0.03
1100	1	116.58	1099.97	-1.59	4.13	-1.59	4.43	111	0.25
1200	1	138.57	1199.96	-2.63	5.49	-2.63	6.09	115.6	0.38
1300	1	131.55	1299.94	-3.86	6.72	-3.86	7.75	119.9	0.12
1400	1.5	134.54	1399.92	-5.36	8.31	-5.36	9.89	122.84	0.5
1500	1.75	137.52	1499.88	-7.41	10.27	-7.41	12.66	125.79	0.26
1600	2.25	135.51	1599.82	-9.93	12.68	-9.93	16.11	128.07	0.5
1700	2.25	134.49	1699.74	-12.71	15.46	-12.71	20.01	129.43	0.04
1800	2	136.47	1799.67	-15.35	18.06	-15.35	23.7	130.37	0.26
1900	1.75	142.45	1899.62	-17.82	20.19	-17.82	26.93	131.44	0.32
2000	1.75	142.28	1999.57	-20.24	22.05	-20.24	29.94	132.55	0.01
2100	1.5	152.11	2099.53	-22.61	23.6	-22.61	32.68	133.77	0.37
2200	1.5	149.94	2199.49	-24.9	24.87	-24.9	35.19	135.03	0.06
2300	1.5	162.77	2299.46	-27.28	25.91	-27.28	37.63	136.47	0.34
2400	1.75	160.61	2399.42	-29.97	26.81	-29.97	40.21	138.19	0.26
2500	1.75	175.43	2499.37	-32.93	27.44	-32.93	42.86	140.2	0.45
2600	1.75	164.27	2599.33	-35.92	27.97	-35.92	45.53	142.1	0.34
2700	1.5	174.1	2699.29	-38.7	28.52	-38.7	48.07	143.61	0.37
2800	1.75	163.93	2799.25	-41.47	29.08	-41.47	50.64	144.96	0.38
2900	1.75	167.92	2899.2	-44.43	29.82	-44.43	53.51	146.13	0.12
3000	1.75	168.75	2999.15	-47.42	30.44	-47.42	56.34	147.3	0.03
3200	1.5	168.58	3199.07	-52.98	31.55	-52.98	61.66	149.22	0.13
3400	1.5	177.41	3399.01	-58.16	32.19	-58.16	66.47	151.04	0.12
3600	1.25	181.24	3598.95	-62.95	32.26	-62.95	70.74	152.87	0.13
3800	1	196.07	3798.91	-66.81	31.73	-66.81	73.96	154.6	0.19
4000	1.5	225.89	3998.86	-70.31	29.36	-70.31	76.2	157.33	0.4
4200	1.5	238.73	4198.8	-73.49	25.25	-73.49	77.71	161.04	0.17
4400	1.75	242.56	4398.71	-76.26	20.3	-76.26	78.91	165.09	0.14
4600	2.5	249.26	4598.58	-79.21	13.51	-79.21	80.35	170.32	0.39
4800	2.25	258.03	4798.4	-81.57	5.59	-81.57	81.76	176.08	0.22

NOTES:

If using any chemicals for pickling tubing or H₂S Scavenging, have MSDS for all chemicals prior to starting work

Acid Pickling and H₂S Procedures (If Required)

****PROCEDURE FOR PUMPING ACID DOWN TBG**

WHEN FINDING SCALE IN TUBING THAT IS ACID SOLUBLE, ENSURE THAT PLUNGER EQUIPMENT IS REMOVED AND ABLE TO PUMP DOWN TBG. INSTALL A 'T' IN PUMP LINE W/2" VALVE THAT NALCO CAN TIE INTO. HAVE 60 BBL 2% KCL MIXED W/ 10-15 GAL H₂S SCAVENGER IN RIG FLAT TANK. (WE USED THE RIG FLAT TANK FOR MIXING CHEMICAL SO WE DIDN'T HAVE THE CHEMICAL IN ALL FLUIDS ON LOCATION, ONLY WHAT WE NEEDED TO PUMP DOWN HOLE)

1. PUMP 5-10 BBL 2% KCL DOWN TBG (NALCO CANNOT PUMP AGAINST PRESSURE)
2. NALCO WILL PUMP 3 DRUMS HCL (31%) INTO PUMP LINE.
3. FLUSH BEHIND ACID WITH 10-15 BBL 2% KCL
4. PUMP 2—30 BBL 2% W/ H₂S SCAVENGER DOWN TBG.
5. PUMP REMAINDER OF 2% W/ H₂S SCAVENGER DOWN CASING AND SHUT WELL IN FOR MINIMUM OF 2 HRS.
6. OVER DISPLACE DOWN TBG AND CSG TO FLUSH ACID AND SCAVENGER INTO FORMATION
7. MONITOR TUBING FOR FLOW AND CASING FOR H₂S NOW AS POOH W/ TUBING.

**** PROCEDURE FOR PUMPING H₂S SCAVENGER WITHOUT ACID**

PRIOR TO RIG MOVING ON OR AS RIG PULLS ONTO LOCATION. TEST CASING, TUBING AND SEPARATOR FOR H₂S. IF FOUND MAKE SURE THAT PLUNGER SYSTEM IS REMOVED (IT IS POSSIBLE TO PUMP AROUND PLUNGERS BUT SOME WILL HAVE A STANDING VALVE IN SEATING NIPPLE).

1. MIX 10-15 GAL H₂S SCAVENGER WITH 60-100 BBL 2% KCL IN RIG FLAT TANK.
2. PUMP 25 BBL MIXTURE DOWN TUBING AND REST DOWN CASING. SHUT WELL IN FOR 2 HOURS.
3. IF WELL HAS PRESSURE AFTER 2 HOURS – RETEST CASING AND TUBING FOR H₂S.
4. FLUSH TUBING AND CASING PUSHING H₂S SCAVENGER INTO FORMATION.
5. MONITOR TUBING FOR FLOW AND CASING FOR H₂S NOW AS POOH W/ TUBING.

**** As per APC standard operating procedure, APC foreman will verify ALL volumes pumped and record on APC Volume Report Form**



Kerr-McGee Oil & Gas Onshore LP

A wholly owned subsidiary of Anadarko Petroleum Corporation

1099 18th Street
Denver, CO 80202
720-929-6000 (main)

July 1, 2013

Mrs. Diana Mason
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, UT 84114-6100

RE: Well Name: Morgan State 7-36
T9S-R21E
Section 36: NENW
Surface: 660' FNL, 1,980' FWL
Bottom Hole: 660' FNL, 1,980' FWL
Uintah County, Utah

Dear Mrs. Mason:

Kerr-McGee Oil & Gas Onshore LP has submitted a sundry to recomplete the captioned well to test the Green River formation. The well is located within the area covered by Cause No. 197-10 and is within an exception location area. Cause No. 197-10 establishes Spacing Intervals underlying the effected lands as 160 acre quarter sections and requires the surface location of the permitted well to be located within a drilling window centered on the quarter section. In addition, the bottom hole location of the wellbore is to be no closer than 1,000 feet from the exterior boundary of the 160 acre drilling unit. The surface and bottom hole locations are outside of the prescribed boundary. The purpose for this recomplete operation is to utilize an existing wellbore to continue development in the Green River formation. By utilizing an existing wellbore, it will reduce surface disturbance with our operations.

Kerr-McGee owns 100% of the leasehold in the offset lands and has no objection to the exception location.

Kerr-McGee requests your approval of this exception location. If you have any questions or require any additional information, please do not hesitate to call me at 720-929-6081.

Sincerely,

A handwritten signature in blue ink that reads 'Brett Torina'.

Brett Torina
Landman

A handwritten signature in blue ink that reads 'LaVonne J. Garrison'.

LaVonne J. Garrison
Assistant Director/Oil & Gas, Utah Trust Lands Administration

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22265
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: MORGAN STATE 7-36
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FNL 1980 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 36 Township: 09.0S Range: 21.0E Meridian: S		9. API NUMBER: 43047328110000
PHONE NUMBER: 720 929-6514		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 9/18/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The operator has abandoned the existing Wasatch and Mesaverde formations and recompleted the subject well in the Green River formation. The subject well returned to production on 9/18/2013. The details of the recompletion and initial production rates will be included with the well completion report.		
NAME (PLEASE PRINT) Teena Paulo		PHONE NUMBER 720 929-6236
SIGNATURE N/A		TITLE Staff Regulatory Specialist
DATE 9/27/2013		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY September 27, 2013

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MININGAMENDED REPORT ☐ FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____						5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22265			
b. TYPE OF WORK: NEW WELL <input type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input checked="" type="checkbox"/> OTHER RECOMPLETION						6. IF INDIAN, ALLOTTEE OR TRIBE NAME			
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE, L.P.						7. UNIT or CA AGREEMENT NAME UTU88574X			
3. ADDRESS OF OPERATOR: P.O.BOX 173779 CITY DENVER STATE CO ZIP 80217						8. WELL NAME and NUMBER: MORGAN STATE 07-36			
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: NENW 660 FNL 1980 FWL S36,T9S,R21E AT TOP PRODUCING INTERVAL REPORTED BELOW: _____ AT TOTAL DEPTH: _____						9. API NUMBER: 4304732811			
10. FIELD AND POOL, OR WILDCAT NATURAL BUTTES						11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 36 9S 21E S			
12. COUNTY UINTAH						13. STATE UTAH			
14. DATE SPUDDED: 5/21/1997		15. DATE T.D. REACHED: 1/20/1998		16. DATE COMPLETED: 9/18/2013		ABANDONED <input type="checkbox"/> READY TO PRODUCE <input checked="" type="checkbox"/>			
17. ELEVATIONS (DF, RKB, RT, GL): 5002 RKB		18. TOTAL DEPTH: MD 8,017 TVD _____		19. PLUG BACK T.D.: MD 4,827 TVD _____		20. IF MULTIPLE COMPLETIONS, HOW MANY? *			
21. DEPTH BRIDGE MD 4,827 PLUG SET: TVD _____						22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) HALS/LDT/CNL/GR/CAL - GR/CCL/CBL			
23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (Submit copy)									
24. CASING AND LINER RECORD (Report all strings set in well)									
HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
11	8 5/8 K-55	24	0	255					
7 7/8	4 1/2 N-80	11.6	0	8,017				170	
25. TUBING RECORD									
SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	4,706								
26. PRODUCING INTERVALS					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
(A) UTELAND BUTTE	4,557	4,648			4,557 4,648	0.36	36	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.									
DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL								
4557-4648	PUMP 839 BBLs ACID & 81 BBLs SLICK H2O (920 BBLs); DROP 34 BALLS								
	1 STAGE								
29. ENCLOSED ATTACHMENTS:								30. WELL STATUS:	
<input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS <input type="checkbox"/> GEOLOGIC REPORT <input type="checkbox"/> DST REPORT <input type="checkbox"/> DIRECTIONAL SURVEY <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION <input type="checkbox"/> CORE ANALYSIS <input type="checkbox"/> OTHER: _____								PROD	

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 9/18/2013		TEST DATE: 9/23/2013		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL – BBL: 3	GAS – MCF: 23	WATER – BBL: 80	PROD. METHOD: PUMPING
CHOKE SIZE: 64/64	TBG. PRESS. 61	CSG. PRESS. 110	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL: 3	GAS – MCF: 23	WATER – BBL: 80	INTERVAL STATUS: PROD	

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				BIRD'S NEST	1,560
				MAHOGANY	2,065
				DOUGLAS CREEK	3,049
				CARB MARKER	4,109
				LONG POINT	4,259
				UTELAND BUTTE	4,537
				WASATCH	4,651
				MESAVERDE	7,334

35. ADDITIONAL REMARKS (Include plugging procedure)

Attached is the recompletion history and perforation report. The well was originally completed in the Wasatch and Mesaverde formations. A CIBP has been set at 4827 and topped with 13 sx cement – est. toc at 4727 ft; the well was recompleted in the Green River as an oil well.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) TEENA PAULO

TITLE STAFF REGULATORY SPECIALIST

SIGNATURE

DATE

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation

- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

1 General

1.1 Customer Information

Company	US ROCKIES REGION
Representative	
Address	

1.2 Well/Wellbore Information

Well	MORGAN STATE 7-36	Wellbore No.	OH
Well Name	MORGAN STATE 07-36	Wellbore Name	MORGAN STATE 7-36
Report No.	1	Report Date	9/6/2013
Project	UTAH-UINTAH	Site	MORGAN STATE 921-36C PAD
Rig Name/No.		Event	RECOMPL/RESEREVEADD
Start Date	6/19/2013	End Date	
Spud Date	1/7/1998	Active Datum	RKB @0.00usft (above Mean Sea Level)
UWI	MORGAN STATE 7-36		

1.3 General

Contractor		Job Method		Supervisor	
Perforated Assembly		Conveyed Method			

1.4 Initial Conditions

Fluid Type		Fluid Density	
Surface Press		Estimate Res Press	
TVD Fluid Top		Fluid Head	
Hydrostatic Press		Press Difference	
Balance Cond	NEUTRAL		

1.5 Summary

Gross Interval	4,557.0 (usft)-4,648.0 (usft)	Start Date/Time	9/6/2013 12:00AM
No. of Intervals	7	End Date/Time	9/6/2013 12:00AM
Total Shots	36	Net Perforation Interval	12.00 (usft)
Avg Shot Density	3.00 (shot/ft)	Final Surface Pressure	
		Final Press Date	

2 Intervals

2.1 Perforated Interval

Date	Formation/ Reservoir	CCL@ (usft)	CCL-T S (usft)	MD Top (usft)	MD Base (usft)	Shot Density (shot/ft)	Misfires/ Add. Shot	Diamete r (in)	Carr Type /Stage No	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
9/6/2013 12:00AM	GREEN RIVER/			4,557.0	4,558.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	

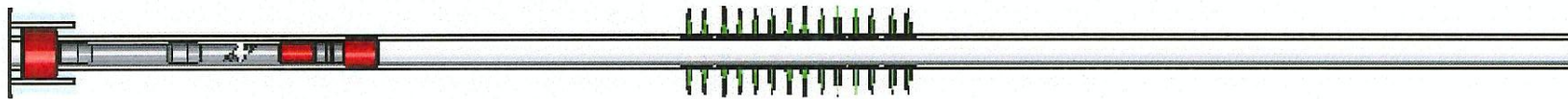
US ROCKIES REGION

2.1 Perforated Interval (Continued)

Date	Formation/ Reservoir	CCL@ (usft)	CCL-T S (usft)	MD Top (usft)	MD Base (usft)	Shot Density (shot/ft)	Misfires/ Add. Shot	Diamete r (in)	Carr Type /Stage No	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
9/6/2013 12:00AM	GREEN RIVER/			4,580.0	4,582.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
9/6/2013 12:00AM	GREEN RIVER/			4,584.0	4,586.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
9/6/2013 12:00AM	GREEN RIVER/			4,593.0	4,595.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
9/6/2013 12:00AM	GREEN RIVER/			4,604.0	4,606.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
9/6/2013 12:00AM	GREEN RIVER/			4,619.0	4,620.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	
9/6/2013 12:00AM	GREEN RIVER/			4,646.0	4,648.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	

3 Plots

3.1 Wellbore Schematic



US ROCKIES REGION
Operation Summary Report

Well: MORGAN STATE 7-36

Spud Date: 1/7/1998

Project: UTAH-UINTAH

Site: MORGAN STATE 921-36C PAD

Rig Name No:

Event: RECOMPL/RESEREVEADD

Start Date: 6/19/2013

End Date:

Active Datum: RKB @0.00usft (above Mean Sea Level)

UWI: MORGAN STATE 7-36

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
7/10/2013	7:00 - 7:15	0.25	SUBSPR	48		P		SAFETY = JSA.
	7:15 - 9:00	1.75	SUBSPR	30		P		ROAD RIG TO LOCATION FROM NATURAL COTTON 23-18.
	9:00 - 15:30	6.50	SUBSPR	30		P		0# ON WELL. MIRU. NDWH. NUBOP. X/O TO TBNG EQUIP. R/U FLOOR & TBNG EQUIP. P/U & RIH W/ 3-7/8" ROCK BIT+ PUMP OPEN SUB + XN + 88JTS 2-3/8" J-55 TBNG. T/U ON CMT RETAINER @2817'. R/U POWER SWIVEL. R/U PUMP LINES.
	15:30 - 17:00	1.50	SUBSPR	44		P		BREAK CIRC. D/O COMPOSITE CMT RETAINER IN 45MIN. CONT D/O. DRILL 31' CMT W/ 89JTS 2-3/8" J-55 TBNG TOTAL. CIRC WELL CLEAN. POOH 1JT. SWIFN.
7/11/2013	7:00 - 7:15	0.25	SUBSPR	48		P		SAFETY = JSA
	7:15 - 14:30	7.25	SUBSPR	30		P		0# ON WELL. OPEN WELL. BREAK CIRC. CONT D/O CMT TO 2889'. FALL THRU CMT. C/O TO PBTD @ 4827'. CIBP SUPPOSED TO BE @ 4865'. CIRC WELL CLEAN. PRESSURE TEST CSNG GOOD @ 1000#. LOST 90 PSI IN 15 MIN. P/U 10'. MIRU CMT CREW. SPOT 13SX CLASS "G" NEAT CMT ON TOP OF CIBP. ESTIMATED CMT TOP @4727'. L/D 4JTS TBNG. REVERSE CIRC HOLE CLEAN W/ TMAC. POOH WHILE L/D ALL TBNG. LOAD HOLE W/ TMAC.
	14:30 - 17:30	3.00	SUBSPR	34		P		MIRU WIRELINE. RIH W/ BOND LOG TOOLS. LOG F-3200' TO SURFACE. GOOD CMT TO +/- 3000'. SCATTERED CMT TO 2100'. NO CMT OR VERY LITTLE F-2100' T- SURFACE. TALK W/ ENGINEERING GROUP & DECIDE OK TO PERFORATE. P/U PERF GUNS & PERF 1ST STAGE OF UTELAND BUTTE AS PER DESIGN OUTLINED IN PROCEDURE. POOH W/ WIRELINE. RDMO WIRELINE. SWIFN. FINISH R/D POWER SWIVEL. SDFN.
7/12/2013	8:00 - 8:30	0.50	SUBSPR	48		P		CREW HAD SAFETY MEETING IN TOWN UNTIL 08:30. SAFETY = JSA.

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	8:30 - 15:00	6.50	SUBSPR	30		P		<p>SICP= 0#. P/U MYT ELEVATORS. P/U & RIH W/ ARROW SET PACKER + 2-7/8" PUPJT + XN + 94JTS 2-7/8" L-80 SLIM HOLE TBNG. R/U PUMP & BREAK CIRC W/ PACKER FLUID. CIRC ALL TMAC OUT OF THE HOLE AND REPLACE W/ PACKER FLUID. SET PACKER. PRESSURE TEST CSNG GOOD @ 1000#. LAND WELL ON HANGER. NDBOP. NUWH. RDMOL.</p> <p>WELL LANDED AS FOLLOWS:</p> <p>KB = 14.00' 7-1/16" X 2-7/8" HANGER = .83' 94JT 2-7/8" L-80 TBNG W/ SLIM HOLE CPLNG. = 2980.92' 2-7/8" XN =1.30' 2-7/8" L-80 PUP JT =6.53' 4-1/2" ARROW SET PACKER = 8.80' W/ ON OFF TOOL / LATCH SEAL ASSEMBLY.</p> <p>END OF PACKER @ 3012.98' CENTER OF ELEMENTS @ 3009' XN @ 2996.35'</p>
7/14/2013	15:00 - 17:00	2.00	SUBSPR	33	D	P		<p>RU NABORS PRESSURE TEST LUBRICATOR TO 3200 PSI GOOD</p> <p>RU WL RIH WITH 3 GUAGES SET , GUAGES @ 4583.</p> <p>RU NABORS, TIME 15:47 DROKE DOWN PERFS @ 2400 PSI, PUMPED 1000 GALS @ 2220 PSI, 5.3 BPM, ISIP, 1400 PSI, 5 MIN SHUT IN 1135 PSI, END TIME 15:57, RD NABORS</p>
7/15/2013	7:00 -							REBUILD PROD FACILITIES TO RETURN WELL TO PRODUCTION
7/18/2013	7:00 - 10:00	3.00	SUBSPR	33	D	P		PULLED GUAGES STOPPED EVERY 500' FOR 5 MIN TO RECORD DATA. RD WL MOVED TO CIGE 207
9/6/2013	7:00 - 13:00	6.00	SUBSPR	37		P		<p>RUCUTTERS PERFERD REMAINDER OF UTELAND BUTTE</p> <p>WITH 1 11/16 PERF GUN AS DESIGNED, POOH SWFW</p>

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Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
9/10/2013	8:00 - 15:00	7.00	FRAC	36	A	P		HELD SAFETY MEETING: ACID & PRESSURE, RU FRAC CREW 2 1/2 HRS LATE FRAC STG 1)WHP 160 PSI, BRK 1488 PSI @ 2.5 BPM. ISIP 1119 PSI, FG .68 PUMPED 450 BBLS 15 % HCL, DROPPED 14 FRAC BALLS IN THIS STAGE. CUT BALLS CHORT DUE TO PRESSURE, SAW 300 PSI INCREASE AFTER BALLS HIT PUMPED 100 BBLS 15% HCL, DROPPED 4 FRAC BALLS IN THIS STAGE, CUT FRAC BALLS 4 SHORT, 250 PSI INCREASE AFTER BALLS HIT PUMPED 150 BBLS, 15% HCL, DROPPED 16 BALLS IN THIS STAGE, BALLED OUT SURGED BALLS OFF PERFS PUMPED 139 BBLS 15 % HCL, FLUSHED WITH 43 BBLS TMAC SWIN 24 HRS. FINAL ISIP 1427 PSI, FG .74, NPI 308 PSI. MP 4500 PSI, MR 14.2 BPM, AP 3850 PSI, AR 11.2 BPM TOTAL LOAD TO RECOVER 919 BBLS FLUID SAFETY = JSA.
9/16/2013	7:00 - 7:15	0.25	DRLOUT	48		P		
	7:15 - 9:45	2.50	DRLOUT	30		P		ROAD RIG FROM CIGE 117. ROADS VERY MUDDY & WASHED OUT IN PLACES.
	9:45 - 13:30	3.75	DRLOUT	30		P		0# ON WELL. LIGHT TRICKLE FLOW FROM TBNG. MIRU. LOCATION VERY TIGHT. HAD TO MOVE PHL BUILDING IN ORDER TO RIG UP. X/O PIPE RAMS TO 2-7/8". NDFV. NUBOP. RELEASE PACKER. MIRU HOT OILER. FLUSH TBNG W/ 60BBLS HOT TMAC. WELL CIRCULATED UP CSNG ENTIRE TIME. RDMO HOT OILER.
	13:30 - 16:30	3.00	DRLOUT	31		P		POOH WHILE L/D 94JTS 2-7/8" J-55 TBNG. L/D PACKER & BHA COMPONENTS. SWIFN. X/O PIPE RAMS TO 2-3/8". PREP TO RIH W/ 2-3/8" PRODUCTION TBNG IN THE AM.
9/17/2013	7:00 - 7:15	0.25	DRLOUT	48		P		SAFETY = JSA.
	7:15 - 13:00	5.75	DRLOUT	31		P		SICP= 50#. BLOW DOWN WELL. TALLY + P/U & RIH W/ 2-3/8" J-55 TBNG (ROD PUMP BHA). LAND WELL ON HANGER AS FOLLOWS: KB= 14.00' HANGER = .83' 152JTS NEW 2-3/8" J-55 TBNG =4654.77' API SN = 1.10' 1JT NEW 2-3/8" J-55 TBNG =30.87' 2-3/8" J-55 PERF SUB = 4.03' PINNED NOTCHED COLLAR = .50' EOT @4706.10' SN @4669.60' NDBOP. NUWH W/ ROD PUMP COMPONENTS. X/O TO ROD EQUIP.

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UWI: MORGAN STATE 7-36

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
	13:00 - 16:30	3.50	DRLOUT	39		P		P/U INSERT PUMP. PRIME / STROKE TEST GOOD. RIH W/ INSERT PUMP, STAB BAR, 4) 1-1/4" WEIGHT BARS AND 120) 3/4" SLK SUCKER ROD. SWIFN.
								NOTE: RIH W/ USED RODS. HAD TO TAP & CHASE EVERY ROD CONNECTION.
9/18/2013	7:00 - 7:15	0.25	DRLOUT	48		P		SAFETY = JSA.
	7:15 - 14:00	6.75	DRLOUT	39		P		SICP= 50#. SITP= 0#. FINISH RIH W/ ROD STRING. SPACE OUT. SEAT & STROKE TEST PUMP GOOD @ 1000#. R/U LUFKIN HYDRAULIC UNIT. R/D RIG. PREP FOR RIG MOVE IN THE AM. TURN WELL OVER TO FLOWBACK CREW @ 14:00 HRS.
								RODS LANDED AS FOLLOWS:
								1-1/4" X 26' SPRAY METAL POLISHED ROD (USED)
								7/8" X 4' GRADE D SLK PONY ROD
								64) 7/8" GRADE D SLK SUCKER ROD W/ SLIM HOLE
								SOFT BOX CPLNG (USED). 1600'
								120) 3/4" GRADE D SLK SUCKER ROD W/ SOFT
								BOX CPLNG (USED). 3000'
								4) 1-1/4" GRADE D WEIGHT BARS (USED) 100'
								7/8" X 2.50' GRADE D GUIDED STABILIZER BAR.
								RH RELEASE BACK-OFF TOOL. =.6'
								2 X 1-1/2" X 20' THD INSERT PUMP W/ SCREEN
								NIPPLE. RWAC. PUMP #3710. ALT BALLS & SEATS.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22265
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: MAVERICK
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: MORGAN STATE 7-36
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FNL 1980 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 36 Township: 09.0S Range: 21.0E Meridian: S		9. API NUMBER: 43047328110000
5. FIELD and POOL or WILDCAT: MATHEW BUTTES		9. FIELD and POOL or WILDCAT: MATHEW BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/23/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The operator requests approval to recomplete the Douglas Creek within the Green River formation. Please see the attached procedure with exception location letter. Thank you.		
Approved by the Utah Division of Oil, Gas and Mining Date: November 05, 2013 By: <u>Derek Duff</u>		
NAME (PLEASE PRINT) Cara Mahler		PHONE NUMBER 720 929-6029
SIGNATURE N/A		TITLE Regulatory Analyst I
DATE 10/23/2013		



Maverick Unit

MORGAN STATE 7-36 WELL PREPARATION + DOUGLAS CREEK RECOMPLETE PROCEDURE

DATE: 10/17/13
AFE#: 2087059
API#: 4304732811
USER ID: MRX575

COMPLETIONS ENGINEER: Kevin Lammers, Denver, CO
(720) 929-6109 (Office)
(713) 829-7143 (Cell)

REMEMBER SAFETY FIRST!

Name: **MORGAN STATE 7-36**
Location: **NE NW SEC 36 T9S R21E**
LAT: 39.997935 **LONG: -109.502432** **COORDINATE: NAD83 (Surface Location)**
Uintah County, UT
Date: **10/17/13**

ELEVATIONS: 4988' GL 5002' KB *Frac Registry TVD: 8017*

TOTAL DEPTH: 8017' **CIBP @ 4827'**
PBTD: 7974'

SURFACE CASING: 8 5/8", 24# K-55 STC @ 255'
PRODUCTION CASING: 4 1/2", 11.6#, N-80 LTC @ 8017'
 Marker Joint 4662'-4673'

TUBULAR PROPERTIES:

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 7/8" 6.5# N-80 tbg	10,570	11,170	2.347"	0.00579	0.2432
2 3/8" 4.7# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
4 1/2" 11.6# I-80	7,780	6,350	3.875"	0.0155	0.6528
2 3/8" by 4 1/2" Annulus				0.0101	

TOPS:

1560' Bird's Nest Top
 2065' Mahogany Top
 3049' Douglas Creek Top
 4109' Carb. Marker Top
 4259' Long Point Top
 4537' Ute land Butte Top
 4651' Wasatch Top
 7334' Mesaverde Top
 *Based on latest geological interpretation

T.O.C. @ 170'

**Based on latest interpretation of CBL

- Hydraulic isolation estimated at **185'** based upon from Cutter's CBL dated 7/11/13
- All perforation depths are from Schlumbergers CBL log dated 2/2/1998

GENERAL:

- Please note that:
 - DFITs will be pumped in selective intervals. Detailed information regarding timing and intervals tested can be found in the post-job report.
 - In addition, all stages on this procedure may or may not be completed due to low frac gradients, timing, or other possible reasons. Total stages completed can be found in the post-job-report.
 - CBP depth on this procedure is only to be used as a reference. This depth is subject to change as per field operations and the discretion of the wireline supervisor and field foreman.

Existing Perforations (from Open Wells):

<u>PERFORATIONS</u>									
<u>Formation</u>	<u>Zone</u>	<u>Top</u>	<u>Btm</u>	<u>spf</u>	<u>Shots</u>	<u>Date</u>	<u>Reason</u>	<u>Comments</u>	<u>Producing</u>
GREEN RIVER	UTELAND BUTTE	4557	4558	3	3	09/06/2013	PRODUCTION		Yes
GREEN RIVER	UTELAND BUTTE	4580	4582	3	6	09/06/2013	PRODUCTION		Yes
GREEN RIVER	UTELAND BUTTE	4584	4586	3	6	09/06/2013	PRODUCTION		Yes
GREEN RIVER	UTELAND BUTTE	4593	4595	3	6	09/06/2013	PRODUCTION		Yes
GREEN RIVER	UTELAND BUTTE	4604	4606	3	6	09/06/2013	PRODUCTION		Yes
GREEN RIVER	UTELAND BUTTE	4619	4620	3	3	09/06/2013	PRODUCTION		Yes
GREEN RIVER	UTELAND BUTTE	4646	4648	3	6	09/06/2013	PRODUCTION		Yes
WASATCH		4877	4877	0	0	01/14/1998		JET	Yes
WASATCH		4884	4884	0	0	01/14/1998		JET	Yes
WASATCH		5176	5176	0	0	01/14/1998		JET	Yes
WASATCH		5183	5183	0	0	01/14/1998		JET	Yes
WASATCH		5527	5527	0	0	01/14/1998		JET	Yes
WASATCH		6129	6129	0	0	01/14/1998		JET	Yes
WASATCH		6732	6732	0	0	01/14/1998		JET	Yes
WASATCH		6736	6736	0	0	01/14/1998		JET	Yes
WASATCH		7093	7093	0	0	01/14/1998		JET	Yes
WASATCH		7099	7099	0	0	01/14/1998		JET	Yes
WASATCH		7290	7290	0	0	01/14/1998		JET	Yes
WASATCH		7304	7304	0	0	01/14/1998		JET	Yes
MESAVERDE		7575	7575	0	0	01/14/1998		JET	Yes
MESAVERDE		7620	7620	0	0	01/14/1998		JET	Yes

Relevant History:

- 05/21/1997: Well spudded
- 02/06/1998: Completed in Wasatch/Mesaverde formation (4877'-7620') with:
- Stage 1: 60,580 gal of gel, 130,000 lbs of 20/40 sand and 20,000 lbs of 20/40 RCS
 - Stage 2: 23,580 gal of gel, 55,000 lbs of 20/40 sand and 20,000 lbs of RCS
- 05/02/1998: Performed Top Down Cement job with 65 sxs of Class G cement w/LCM and 190 sxs of Class G tail. On vacuum at the end of the job.
- 05/19/1998: Perform 2nd Top Down Cement job w/35 sxs of Class G cement.
- 07/26/2006: Pumped 4 drums of 15% HCl down tubing
- 06/05/2012: POOH w/ tubing, RIH w/ gauge ring to 4875', POOH, RIH w/ 10K CIBP and set it @ 4827', POOH.
- 06/06/2012: Pressure test casing to 1000 psi, with no hold. RIH w/ packer to pressure test every 1000'. Found a leak between 2864'-2886'.
- 06/07/2012: Set cement retainer @ 2817'. Pumped approximately 64 bbls of water w/ 2-3% CaCl2 and cement mix and 100 sacks of cement to cement squeeze casing leak (2 batches). Reverse circulated ~ 5 bbls of cement. POOH and RDMO. CEMENT RETAINER IN HOLE.

9/10/13: Uteland Butte formation acidized down 2-7/8" tubing with 903 bbl fluid

H2S History: Please beware of possible H₂S presence at the separator (refer to table)

Production Date ▼	Gas (avg mcf/day)	Water (avg bbl/day)	Oil (avg bbl/day)	LGR (bbl/MMcf)	Max H2S Seperator (ppm)
6/30/2012	0.00	0.00	0.00	#NA	
5/31/2012	0.00	0.00	0.00	#NA	1.00
4/30/2012	0.00	0.00	0.00	#NA	
3/31/2012	0.00	0.00	0.00	#NA	
2/29/2012	0.00	0.00	0.00	#NA	
1/31/2012	1.55	0.00	0.00	0.00	
12/31/2011	10.29	0.00	0.00	0.00	82.00
11/30/2011	11.27	0.00	0.00	0.00	
10/31/2011	11.68	0.00	0.00	0.00	0.00
9/30/2011	15.17	0.00	0.00	0.00	43.00
8/31/2011	15.77	0.00	0.00	0.00	3.00
7/31/2011	16.06	0.00	0.00	0.00	85.00
6/30/2011	15.90	0.00	0.00	0.00	0.00
5/31/2011	16.74	0.00	0.00	0.00	36.00
4/30/2011	16.40	0.00	0.00	0.00	
3/31/2011	12.58	0.00	0.00	0.00	60.00
2/28/2011	13.14	0.00	0.00	0.00	38.00
1/31/2011	13.23	0.00	0.00	0.00	0.00
12/31/2010	13.52	0.00	0.00	0.00	46.00
11/30/2010	14.50	0.00	0.00	0.00	36.00
10/31/2010	18.06	0.00	0.00	0.00	
9/30/2010	16.87	0.00	0.00	0.00	
8/31/2010	12.97	0.00	0.00	0.00	37.00
7/31/2010	5.39	0.00	0.00	0.00	10.00
6/30/2010	11.57	0.00	0.00	0.00	12.00
5/31/2010	20.48	0.00	0.00	0.00	

PRE-JOB CONSIDERATIONS:

- 1 fracturing stage required for coverage.
- A minimum of 4 tanks (cleaned lined 500 bbl) of fresh water **mixed with 4% KCl** will be required

Note:

- **Use biocide from Nalco as applicable in frac tanks**
- **Use Parasorb from Baker**
- **Do NOT use scale inhibitor**
- **Use only fresh water in order to assure crosslinked fluid performance**
- **Water needs to be at least 65-75°F at pump time**
- Procedure calls for 2 CBP's (8,000 psi)
- 20/40 mesh Ottawa sand.
- Max Sand Concentration: Green River - 3 ppg

ON SITE CONSIDERATIONS:

- Maximum surface pressure **6200 psi**.
- **If casing pressure test fails (pressure loss of 1.5% psi or more), retest for 15 minutes. If pressure loss of 1.5% more on second test, notify Denver engineers. Record in Openwells. MIRU with tubing and packer. Isolate leak by pressure testing above and below the packer. RIH and set appropriate casing leak remediation. Re-pressure test to 1000 and to 6200 psi for 30 minutes (specific details on remediation should be documented in OpenWells).**
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Flush volumes are the sum of FR water used during displacement.
- **Call flush at 0 PPG @ inline densimeters.** Slow to 5 bbl/min over last 10-20 bbls of flush.
- pH should be measured during the treatment in order to make sure acid has been flushed from the treating lines and will not affect the cross-linked gel.
- Multiple test samples will be pulled on the fly to check crosslinked gel.
- Bucket tests should be performed prior to pumping to assure the chemical pumps working and pumping at the desired rate.
- Soda ash should be brought to location to neutralize any acid spill.
- **If ball sealers will be pumped, verify the type (material, diameter and SG) before the treatment. Also, verify the number of balls that are dropped per turn. At the end of the treatment, manually verify the number of balls remaining and the number of balls pumped.**

PROCEDURE:

WELL PREPARATION

1. MIRU. Kill well as needed. ND WH, NU and test BOPE.
2. POOHw/ tubing, ND BOP, NU frac valves, RDMO
3. Pressure test frac lines and frac valves to max surface pressure + 1000 psi for 15 minutes. Pressure loss should be less than 10% to be considered acceptable. Check and correct for existing leaks. **Lock OPEN the Braden head valve.**
4. **Leave surface casing valve open.** Monitor and report any flow from surface casing. RDMO

COMPLETION:

1. RIH with wireline and set CBP @ 4003', then perf the following with 3-1/8" gun, 19 gm, 0.40"hole:

Zone	From	To	spf	# of shots
DOUGLAS CREEK	3930	3934	3	12
DOUGLAS CREEK	3937	3939	3	6
DOUGLAS CREEK	3950	3952	3	6

2. Pressure test frac lines to max surface pressure + 1000 psi for 15 minutes. Pressure loss should be less than 10% to be considered acceptable. Check and correct for existing leaks.
3. If needed, bullhead 500 gals of 15% HCl. Breakdown perfs and establish injection rate. Treat as outlined in Stage 1 on attached listing. Displace with FR water to 3952' (bottom perfs).
4. RIH with wireline and set CBP @ 3880'.
5. ND Frac Valves, NU and Test BOPs.
6. Unset packer and POOH with tubing and packer.
7. TIH with 3 7/8" bit, pump off sub, SN and tubing.
8. Drill plugs and clean out to 4003'. Shear off bit and land tubing at $\pm 3990'$ unless indicated otherwise by Production Engineering in Vernal.
9. Clean out well with foam and/or swabbing unit until steady flow has been established from completion.
10. **Leave surface casing valve open.** Monitor and report any flow from surface casing. RDMO

GREEN RIVER OIL WELL OPERATING PROCEDURE:

The Green River oil wells will be produced and treated in the following manner. Oil, water and gas will flow to surface treating facilities where it will be separated. The oil and water will then flow to storage tanks. Gas will flow in to the gathering system; which has a nominal operating pressure of ~120 psig. If gas line pressure increases above the 120 psig range the gas will flow to a compressor and be compressed to line pressure. If the compressor is down due to mechanical problems or line pressure is out of range for the compressor, gas will flow to a flare and be burned on site. If no compressor is installed then gas will be flared when pressure is greater than 120 psig.

4% KCl SOLUTION WILL BE MIXED INTO WATER IN PLACE OF CLAY STABILIZER**Weatherford Supplied Chemicals - Job Totals**

Acid					
Corrosion Inhibitor	1	gals @	4.0	GPT	
Surfactant	0	gals @	1.0	GPT	
Iron Control Agent 1	1	gals @	5.0	GPT	
Iron Control Agent 2	1	gals @	5.0	GPT	
Slickwater					
Biocide	1.1	gals @	0.4	GPT	
Surfactant	3	gals @	1.0	GPT	
FR	3	gals @	1.0	GPT	
Gel					
Biocide	18	gals @	0.4	GPT	
Surfactant	45	gals @	1.0	GPT	
Slurried Gelling Agent	226	gals @	5.0	GPT	
Crosslinker	32	gals @	0.7	GPT	
Encapsulated Breaker	34	gals @	0.8	lb PT	
Flush					
FR	0.6	gals @	1.0	GPT	
Biocide	0.24	gals @	0.4	GPT	
Surfactant	1	gals @	1.0	GPT	
Breaker	0.3	lb @	0.5	lb PT	
Iron Control	1	gals @	1.0	GPT	

Crosslinker	45	gals @	1.0	GPT	
ph Control	11	gals @	0.3	GPT	
Gelling agent	204	gals @	4.5	GPT	
Breaker 1	0	gals @	1-2	PPT	
Breaker 2	0	gals @	0.0	lbs in flush	
Iron Control for acid	1	gals @	3.0	GPT of acid	
Corrosion Inhibitor for acid	1	gals @	3.0	GPT of acid	
Surfactant for acid	0	gals @	1.0	GPT of acid	

	Service Company Supplied Chemicals
	Third Party Chemicals

Name Morgan State 7-36
Perforation and CBP Summary

Stage	Zones	Perforations		SPF	Holes		Fracture Coverage		
		Top, ft	Bottom, ft						
1	DOUGLAS CREEK	3930	3934	3	12		3928	to	3954
	DOUGLAS CREEK	3937	3939	3	6				
	DOUGLAS CREEK	3950	3952	3	6				
	DOUGLAS CREEK								
	DOUGLAS CREEK								
	DOUGLAS CREEK								
	DOUGLAS CREEK								
	DOUGLAS CREEK								
	# of Perfs/stage				24		CBP DEPTH	3,881	
	Totals				24				Total

Key Contact information

Completion Engineer

Kevin Lammers: 713/829-7143, 720/929-6109

Production Engineer

Jesse Markeveys: 215/380-0781, 435/781-7055

Brad Laney: 435/781-7031, 435/828-5469

Completion Supervisor Foreman

Jeff Samuels: 435/828-6515, 435/781-7046

Completion Manager

Jeff Dufresne: 720/929-6281, 303/241-8428

Vernal Main Office

435/789-3342

Emergency Contact Information—Call 911

Vernal Regional Hospital Emergency: 435-789-3342

Police: (435) 789-5835

Fire: 435-789-4222

WINSERVE SURVEY CALCULATIONS									
Minimum Curvature Method									
Vertical Section Plane .00									
Vertical Section Referenced to offset from Wellhead: EW =.00 Ft , NS=.00 Ft									
Rectangular Coordinates Referenced to Wellhead									
Measured	Incl	Drift	TRUE			Vertical	CLOSURE	CLOSURE	Dogleg
Depth	Angle	Direction	Vertical	N-S	E-W	Section	Distance	Direction	Severity
FT	Deg	Deg	Depth	FT	FT	FT	FT	Deg	Deg/100
0	0	0	0	0	0	0	0	0	0
100	0	0	100	0	0	0	0	0	0
200	0	0	200	0	0	0	0	0	0
300	0.25	346.82	300	0.21	-0.05	0.21	0.22	346.82	0.25
400	0	0	400	0.42	-0.1	0.42	0.44	346.82	0.25
500	0	0	500	0.42	-0.1	0.42	0.44	346.82	0
600	0	0	600	0.42	-0.1	0.42	0.44	346.82	0
700	0.25	75.74	700	0.48	0.11	0.48	0.49	13.17	0.25
800	0.5	116.73	800	0.34	0.71	0.34	0.79	64.77	0.35
900	0.75	121.71	899.99	-0.2	1.66	-0.2	1.67	97.01	0.26
1000	0.75	119.69	999.98	-0.87	2.78	-0.87	2.92	107.39	0.03
1100	1	116.58	1099.97	-1.59	4.13	-1.59	4.43	111	0.25
1200	1	138.57	1199.96	-2.63	5.49	-2.63	6.09	115.6	0.38
1300	1	131.55	1299.94	-3.86	6.72	-3.86	7.75	119.9	0.12
1400	1.5	134.54	1399.92	-5.36	8.31	-5.36	9.89	122.84	0.5
1500	1.75	137.52	1499.88	-7.41	10.27	-7.41	12.66	125.79	0.26
1600	2.25	135.51	1599.82	-9.93	12.68	-9.93	16.11	128.07	0.5
1700	2.25	134.49	1699.74	-12.71	15.46	-12.71	20.01	129.43	0.04
1800	2	136.47	1799.67	-15.35	18.06	-15.35	23.7	130.37	0.26
1900	1.75	142.45	1899.62	-17.82	20.19	-17.82	26.93	131.44	0.32
2000	1.75	142.28	1999.57	-20.24	22.05	-20.24	29.94	132.55	0.01
2100	1.5	152.11	2099.53	-22.61	23.6	-22.61	32.68	133.77	0.37
2200	1.5	149.94	2199.49	-24.9	24.87	-24.9	35.19	135.03	0.06
2300	1.5	162.77	2299.46	-27.28	25.91	-27.28	37.63	136.47	0.34
2400	1.75	160.61	2399.42	-29.97	26.81	-29.97	40.21	138.19	0.26
2500	1.75	175.43	2499.37	-32.93	27.44	-32.93	42.86	140.2	0.45
2600	1.75	164.27	2599.33	-35.92	27.97	-35.92	45.53	142.1	0.34
2700	1.5	174.1	2699.29	-38.7	28.52	-38.7	48.07	143.61	0.37
2800	1.75	163.93	2799.25	-41.47	29.08	-41.47	50.64	144.96	0.38
2900	1.75	167.92	2899.2	-44.43	29.82	-44.43	53.51	146.13	0.12
3000	1.75	168.75	2999.15	-47.42	30.44	-47.42	56.34	147.3	0.03
3200	1.5	168.58	3199.07	-52.98	31.55	-52.98	61.66	149.22	0.13
3400	1.5	177.41	3399.01	-58.16	32.19	-58.16	66.47	151.04	0.12
3600	1.25	181.24	3598.95	-62.95	32.26	-62.95	70.74	152.87	0.13
3800	1	196.07	3798.91	-66.81	31.73	-66.81	73.96	154.6	0.19
4000	1.5	225.89	3998.86	-70.31	29.36	-70.31	76.2	157.33	0.4
4200	1.5	238.73	4198.8	-73.49	25.25	-73.49	77.71	161.04	0.17
4400	1.75	242.56	4398.71	-76.26	20.3	-76.26	78.91	165.09	0.14
4600	2.5	249.26	4598.58	-79.21	13.51	-79.21	80.35	170.32	0.39
4800	2.25	258.03	4798.4	-81.57	5.59	-81.57	81.76	176.08	0.22

NOTES:

If using any chemicals for pickling tubing or H₂S Scavenging, have MSDS for all chemicals prior to starting work

Acid Pickling and H₂S Procedures (If Required)

****PROCEDURE FOR PUMPING ACID DOWN TBG**

WHEN FINDING SCALE IN TUBING THAT IS ACID SOLUBLE, ENSURE THAT PLUNGER EQUIPMENT IS REMOVED AND ABLE TO PUMP DOWN TBG. INSTALL A 'T' IN PUMP LINE W/2" VALVE THAT NALCO CAN TIE INTO. HAVE 60 BBL 2% KCL MIXED W/ 10-15 GAL H₂S SCAVENGER IN RIG FLAT TANK. (WE USED THE RIG FLAT TANK FOR MIXING CHEMICAL SO WE DIDN'T HAVE THE CHEMICAL IN ALL FLUIDS ON LOCATION, ONLY WHAT WE NEEDED TO PUMP DOWN HOLE)

1. PUMP 5-10 BBL 2% KCL DOWN TBG (NALCO CANNOT PUMP AGAINST PRESSURE)
2. NALCO WILL PUMP 3 DRUMS HCL (31%) INTO PUMP LINE.
3. FLUSH BEHIND ACID WITH 10-15 BBL 2% KCL
4. PUMP 2—30 BBL 2% W/ H₂S SCAVENGER DOWN TBG.
5. PUMP REMAINDER OF 2% W/ H₂S SCAVENGER DOWN CASING AND SHUT WELL IN FOR MINIMUM OF 2 HRS.
6. OVER DISPLACE DOWN TBG AND CSG TO FLUSH ACID AND SCAVENGER INTO FORMATION
7. MONITOR TUBING FOR FLOW AND CASING FOR H₂S NOW AS POOH W/ TUBING.

**** PROCEDURE FOR PUMPING H₂S SCAVENGER WITHOUT ACID**

PRIOR TO RIG MOVING ON OR AS RIG PULLS ONTO LOCATION. TEST CASING, TUBING AND SEPARATOR FOR H₂S. IF FOUND MAKE SURE THAT PLUNGER SYSTEM IS REMOVED (IT IS POSSIBLE TO PUMP AROUND PLUNGERS BUT SOME WILL HAVE A STANDING VALVE IN SEATING NIPPLE).

1. MIX 10-15 GAL H₂S SCAVENGER WITH 60-100 BBL 2% KCL IN RIG FLAT TANK.
2. PUMP 25 BBL MIXTURE DOWN TUBING AND REST DOWN CASING. SHUT WELL IN FOR 2 HOURS.
3. IF WELL HAS PRESSURE AFTER 2 HOURS – RETEST CASING AND TUBING FOR H₂S.
4. FLUSH TUBING AND CASING PUSHING H₂S SCAVENGER INTO FORMATION.
5. MONITOR TUBING FOR FLOW AND CASING FOR H₂S NOW AS POOH W/ TUBING.

**** As per APC standard operating procedure, APC foreman will verify ALL volumes pumped and record on APC Volume Report Form**



Kerr-McGee Oil & Gas Onshore LP

A wholly owned subsidiary of Anadarko Petroleum Corporation

1099 18th Street
Denver, CO 80202
720-929-6000 (main)

July 1, 2013

Mrs. Diana Mason
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, UT 84114-6100

RE: Well Name: Morgan State 7-36
T9S-R21E
Section 36: NENW
Surface: 660' FNL, 1,980' FWL
Bottom Hole: 660' FNL, 1,980' FWL
Uintah County, Utah

Dear Mrs. Mason:

Kerr-McGee Oil & Gas Onshore LP has submitted a sundry to recomplete the captioned well to test the Green River formation. The well is located within the area covered by Cause No. 197-10 and is within an exception location area. Cause No. 197-10 establishes Spacing Intervals underlying the effected lands as 160 acre quarter sections and requires the surface location of the permitted well to be located within a drilling window centered on the quarter section. In addition, the bottom hole location of the wellbore is to be no closer than 1,000 feet from the exterior boundary of the 160 acre drilling unit. The surface and bottom hole locations are outside of the prescribed boundary. The purpose for this recomplete operation is to utilize an existing wellbore to continue development in the Green River formation. By utilizing an existing wellbore, it will reduce surface disturbance with our operations.

Kerr-McGee owns 100% of the leasehold in the offset lands and has no objection to the exception location.

Kerr-McGee requests your approval of this exception location. If you have any questions or require any additional information, please do not hesitate to call me at 720-929-6081.

Sincerely,

A handwritten signature in blue ink that reads 'Brett Torina'.

Brett Torina
Landman

A handwritten signature in blue ink that reads 'LaVonne J. Garrison'.

LaVonne J. Garrison
Assistant Director/Oil & Gas, Utah Trust Lands Administration

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: KERR McGEE OIL & GAS ONSHORE LP Operator Account Number: N 2995
Address: P.O. Box 173779
city DENVER
state CO zip 80217 Phone Number: (720) 929-6236

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304732811	MORGAN STATE 7-36		NENW	36	9S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
D	2900	12134			7/19/12		
Comments: The operator formally requests to change the subject well from the Natural Buttes Unit to the Maverick Unit. 12134 assigned in July 2012 when well was moved out of NBU.							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Teena Paulo

Name (Please Print)

Signature

Staff Regulatory Specialist

Title

9/27/2013

Date

OCT 01 2013

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22265
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: MAVERICK
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: MORGAN STATE 7-36
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FNL 1980 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 36 Township: 09.0S Range: 21.0E Meridian: S		9. API NUMBER: 43047328110000
PHONE NUMBER: 720 929-6100		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 12/3/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. THE SUBJECT WELL WAS RETURNED TO PRODUCTION ON 12/3/2013 FOLLOWING A RECOMPLETE. THE CHRONOLOGICAL WELL HISTORY WILL BE SUBMITTED WITH THE WELL COMPLETION REPORT.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 14, 2014		
NAME (PLEASE PRINT) Teena Paulo	PHONE NUMBER 720 929-6236	TITLE Staff Regulatory Specialist
SIGNATURE N/A	DATE 3/12/2014	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MININGAMENDED REPORT ☐ FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____						5. LEASE DESIGNATION AND SERIAL NUMBER: ML 22265								
b. TYPE OF WORK: NEW WELL <input type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input checked="" type="checkbox"/> OTHER RECOMPLETION						6. IF INDIAN, ALLOTTEE OR TRIBE NAME								
2. NAME OF OPERATOR: KERR MCGEE OIL & GAS ONSHORE, L.P.						7. UNIT or CA AGREEMENT NAME UTU88574X								
3. ADDRESS OF OPERATOR: P.O.BOX 173779 CITY DENVER STATE CO ZIP 80217						8. WELL NAME and NUMBER: MORGAN STATE 7-36								
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: NENW 660 FNL 1980 FWL S36,T9S,R21E AT TOP PRODUCING INTERVAL REPORTED BELOW: _____ AT TOTAL DEPTH: _____						9. API NUMBER: 4304732811								
14. DATE SPULDED: 5/21/1997						15. DATE T.D. REACHED: 1/20/1998		16. DATE COMPLETED: 12/3/2013		17. ELEVATIONS (DF, RKB, RT, GL): 5002 RKB				
18. TOTAL DEPTH: MD 8,017 TVD _____						19. PLUG BACK T.D.: MD 4,727 TVD _____		20. IF MULTIPLE COMPLETIONS, HOW MANY? *		21. DEPTH BRIDGE PLUG SET: MD 4,827 TVD _____				
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) HALS/LDT/CNL/GR/CAL-GR/CCL/CBL						23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (Submit copy)								
24. CASING AND LINER RECORD (Report all strings set in well)														
HOLE SIZE		SIZE/GRADE		WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	S.LURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED			
11"		8 5/8" K-55		24#	0	255								
7 7/8"		4 1/2" N-80		11.6#	0	8,017				170				
25. TUBING RECORD														
SIZE	DEPTH SET (MD)		PACKER SET (MD)		SIZE	DEPTH SET (MD)		PACKER SET (MD)		SIZE	DEPTH SET (MD)		PACKER SET (MD)	
2 3/8"	4,710													
26. PRODUCING INTERVALS						27. PERFORATION RECORD								
FORMATION NAME		TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)		SIZE	NO. HOLES	PERFORATION STATUS				
(A) DOUGLAS CREEK		3,930	3,952			3,930 3,952		0.36	24	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>			
(B)										Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>			
(C)										Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>			
(D)										Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>			
28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.														
DEPTH INTERVAL		AMOUNT AND TYPE OF MATERIAL												
3930-3952		PUMP 1629 BBLS SLICKWATER & 76,660 LBS 20/40 MESH SAND												
		1 STAGE												
29. ENCLOSED ATTACHMENTS:											30. WELL STATUS:			
<input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS <input type="checkbox"/> GEOLOGIC REPORT <input type="checkbox"/> DST REPORT <input type="checkbox"/> DIRECTIONAL SURVEY <input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION <input type="checkbox"/> CORE ANALYSIS <input type="checkbox"/> OTHER: _____											PROD			

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 12/3/2013		TEST DATE: 12/20/2013		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL – BBL: 37		GAS – MCF: 28		WATER – BBL: 39		PROD. METHOD: PUMPING							
CHOKE S.ZE: 64/64		TBG. PRESS. 52		CSG. PRESS. 80		API GRAVITY		BTU – GAS		GAS/OIL RATIO		24 HR PRODUCTION RATES: →		OIL – BBL: 37		GAS – MCF: 28		WATER – BBL: 39		INTERVAL STATUS: PROD	

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				BIRD'S NEST	1,560
				MAHOGANY	2,065
				DOUGLAS CREEK	3,049
				CARB MARKER	4,109
				LONG POINT	4,259
				UTELAND BUTTE	4,537
				WASATCH	4,651

35. ADDITIONAL REMARKS (Include plugging procedure)

This well was originally completed in the Wasatch/Mesaverde. CIBP's were set at 4865 ft. and 4827 ft. and the well was recompleted in the Uteland Butte. An approved NOI dated 10/23/13 stated we would abandon the existing Uteland Butte perforations. No CIBP was set and the well was recompleted in the Douglas Creek and is producing from both the Uteland Butte and the Douglas Creek formations.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) KAY KELLY

TITLE SR. STAFF REGULATORY SPECIALIST

SIGNATURE

DATE

3-17-2014

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation

- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

US ROCKIES REGION
Operation Summary Report

Well: MORGAN STATE 7-36

Spud Date: 1/7/1998

Project: UTAH-UINTAH

Site: MORGAN STATE 921-36C PAD

Rig Name No:

Event: RECOMPL/RESERVEEADD

Start Date: 11/18/2013

End Date: 12/3/2013

Active Datum: RKB @0.00usft (above Mean Sea Level)

UWI: MORGAN STATE 7-36

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
11/15/2013	11:00 - 12:00	1.00	SUBSPR	30		P		ROAD RIG TO LOCATION. MIRU.
	12:00 - 17:00	5.00	SUBSPR	39		P		CP= 80#. TP= 80#. BLOW DOWN WELL TO PRODUCTION TANKS. R/D PHL. L/D POLISHED ROD & 2 SUCKER RODS. MIRU HOT OILER. FLUSH TBNG & RODS W/ 70BBLs HOT TMAC. WELL CIRCULATED ENTIRE TIME. NO TRACE OF OIL IN FINAL RETURNS. RDMO HOT OILER. POOH WHILE L/D ENTIRE ROD STRING. SWFN. NOTE: ROD STRING WILL BE STORED ON LOCATION UNTIL FRAC IS COMPLETE & READY FOR RE-INSTALL.
11/18/2013	7:00 - 7:15	0.25	SUBSPR	48		P		SAFETY = JSA.
	7:15 - 12:00	4.75	SUBSPR	30		P		SICP= 80#. SITP= 5#. BLOW DOWN WELL TO PRODUCTION TANK. MIRU HOT OILER. FLUSH TBG / CSNG W/ 85 BBLs HOT TMAC (WELL CIRCULATED ENTIRE TIME). RDMO HOT OILER. NDWH. NUBOP. UN-LAND WELL. POOH WHILE L/D 153JTS 2-3/8" J-55 TBNG. (TBNG SENT TO SAMUELS YARD). X/O TO 2-7/8" HANDLING EQUIP WHILE WAITING ON WIRELINE.
	12:00 - 14:30	2.50	SUBSPR	34		P		MIRU WIRELINE. P/U CBP & GUNS. RIH, SET CBP & PERF DOUGLAS CREEK AS PER DESIGN IN PROCEDURE. POOH W/ WIRELINE. RDMO WIRELINE.
	14:30 - 17:30	3.00	SUBSPR	30		P		P/U PACKER + 94JTS 2-7/8" L-80 TBNG. RIH & LEAVE PACKER HANGING @ 3000'. WILL SET IN THE AM. SWFN.
11/19/2013	7:00 - 7:15	0.25	SUBSPR	48		P		SAFETY = JSA.
	7:15 - 8:30	1.25	SUBSPR	30		P		0# ON WELL. SET PACKER @ 3000' LAND WELL ON HANGER. NDBOP. NUFV. PRESSURE TEST CSNG GOOD @ 1000# FOR 15 MIN. LOST 5#. NO COMMUNICATION W/ TBNG. RDMOL. ROAD RIG TO STATE 921-32L. FRAC STRING LANDED AS FOLLOWS: KB= 14.00' 2-3/8" X 7-1/16" 5K HANGER = .83' 93 JTS 2-7/8" L-80 SH TBG =2946.44' 2-7/8" X-NIPPLE = 1.30' I.D. =2.31" 1JT 2-7/8" L-80 SH TBG = 31.75' WF HD PACKER = 5.62' (FULL O.D. X/O ON TOP OF PACKER). PACKER I.D.=1.991" PACKER LANDED @ 2999.94' CENTER ELEMENTS ON PACKER @ 2997.30' NOTE: NO WAY TO TEST CONNECTION BETWEEN FRAC VALVE & WELLHEAD. TESTED CROSS BETWEEN FRAC VALVES GOOD @ 3000# FOR 10MIN W/ NO VISIBLE LEAKS.

3/13/2014

1:43:29PM

1

US ROCKIES REGION
Operation Summary Report

Well: MORGAN STATE 7-36

Spud Date: 1/7/1998

Project: UTAH-UINTAH

Site: MORGAN STATE 921-36C PAD

Rig Name No:

Event: RECOMPL/RESERVEADD

Start Date: 11/18/2013

End Date: 12/3/2013

Active Datum: RKB @0.00usft (above Mean Sea Level)

UWI: MORGAN STATE 7-36

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
11/25/2013	10:45 - 11:00	0.25	FRAC	48		P		HSM,JSA
	11:13 - 11:28	0.25	FRAC	36	F	P		MIRU WEATHERFORD PRESSURE TEST FRAC LINES TO 5547 PSI HOLD FOR 15 MINUTES LOST 215 PSI
	11:30 - 13:05	1.58	FRAC	36	F	P		REFER TO STIMULATION PJR FOR FLUID, SAND AND CHEMICAL VOLUMES, ALL STAGES WERE PERFORATED ACCORDING TO PERF RECORD IN OPEN WELLS, ALL STAGES WERE STIMULATED TO VENDOR POST JOB REPORT. ALL PLUGS ARE HALIBURTON 8K CBPS
								FRAC STG #1] WHP=0#, BRK DN PERFS=3705#, @=3.7 BPM, INTIAL ISIP=1205#, FG=.74, FINAL ISIP=1259#, FG=.75,
								SWI W/O FLOWBACK
								TOTAL BBLS=1629
								TOTAL SAND=76,660#
								SAFETY = JSA.
11/27/2013	7:00 - 7:15	0.25	DRLOUT	48		P		LIGHT FLOW FROM WELL W/ OIL PRESENT. MIRU.
	7:15 - 10:00	2.75	DRLOUT	30		P		X/O TO TBNG EQUIP. X/O TO 2-7/8" HANDLING EQUIP. NDFV. NUBOP. UN-LAND WELL. RELEASE PACKER.
	10:00 - 11:30	1.50	DRLOUT	40		P		MIRU HOT OILER. FLUSH TBNG W/ 60BBLS HOT TMAC. WELL CIRCULATED ENTIRE TIME. RDMO HOT OILER.
	11:30 - 16:30	5.00	DRLOUT	31		P		POOH WHILE L/D 94JTS 2-7/8" L-80 TBNG. L/D PACKER. MOVE TBNG FLOAT OFF LOCATION. WELLHEAD IN VERY BAD SPOT FOR PIPE TRAILERS. X/O TO 2-3/8" HANDLING EQUIP. TALLY + P/U & RIH W/ 127JTS 2-3/8" J-55 TBNG W/ 3-7/8" BIT + PUMP OPEN BIT SUB + API SN 1JT ABOVE BIT. T/U ON CBP @ 4003'. L/D 1JT. LEAVE 126JTS IN THE HOLE. R/U POWER SWIVEL. R/U PUMP LINES. PREP FOR D/O MONDAY AM. SWIFWE.
12/2/2013	7:00 - 7:15	0.25	DRLOUT	48		P		SAFETY = JSA.

US ROCKIES REGION
Operation Summary Report

Well: MORGAN STATE 7-36

Spud Date: 1/7/1998

Project: UTAH-UINTAH

Site: MORGAN STATE 921-36C PAD

Rig Name No:

Event: RECOMPL/RESERVEADD

Start Date: 11/18/2013

End Date: 12/3/2013

Active Datum: RKB @0.00usft (above Mean Sea Level)

UWI: MORGAN STATE 7-36

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
	7:15 - 13:30	6.25	DRLOUT	30		P		<p>SICP= 450#. SITP= 0#. R/U PUMP LINES. PUT PUMP TOGETHER. R/U FLOWBACK LINE. BREAK CIRC. D/O CBP @ 4003' IN 10MIN 0# DIFFERENTIAL PRESSURE. CONT RIH W/ TBNG. C/O TO PBTD @4727' W/ 152JTS TBNG + BHA. CIRC WELL CLEAN W/ 50 BBLS TMAC. R/D POWER SWIVEL. L/D 1JT TBNG. LAND WELL AS FOLLOWS:</p> <p>KB= 14.00' 2-7/8" X 7-1/16" HANGER = .83' X/O 2-7/8" X 2-3/8" =.76' 150JTS USED 2-3/8" J-55 TBNG =4660.94' API SN = 1.10' 1JT NEW 2-3/8" J-55 TBNG =30.25' PUMP OPEN SUB & 3-7/8" BIT = 2.20'</p> <p>EOT @4710.08' SN @4676.53'</p>
	13:30 - 17:00	3.50	DRLOUT	49		P		<p>NDBOP. NUWH. X/O TO ROD EQUIP.</p>
	7:00 - 7:15	0.25	DRLOUT	48		P		<p>P/U INSERT PUMP. PRIME / STROKE TEST GOOD. RIH W/ INSERT PUMP & ROD STRING. SWFN. TOO LATE TO R/U PHL. WILL SPACE OUT & STROKE TEST / PRESSURE TEST IN THE AM.</p>
12/3/2013	7:15 - 11:00	3.75	DRLOUT	39		P		<p>SAFETY = JSA.</p> <p>SICP= 20#. SITP= 0#. BLOW DOWN CSNG. FINISH RIH W/ RODS. SPACE OUT POLISHED ROD & PUMP. L/D 2 RODS. R/U PUMP & LINES. PUMP DOWN TBNG & PUMP OPEN BIT SUB @ 1600#. RE-INSTALL RODS. R/U LUFKIN HYDRAULIC PUMP JACK. RDMOL. BRING WELL ON LINE @ 11:00HRS. ROAD RIG TO NBU 1022-5A.</p> <p>ROD STRING INSTALLED AS FOLLOWS:</p> <p>1-1/4" X 26' SPRAY METAL POLISHED ROD (USED) 7/8" X 4' GRADE D SLK PONY ROD 7/8" X 6' GRADE D SLK PONY ROD 7/8" X 6' GRADE D SLK PONY ROD 7/8" X 8' GRADE D SLK PONY ROD 63) 7/8" GRADE D SLK SUCKER ROD W/ SLIM HOLE SOFT BOX CPLNG (USED). 1575' 120) 3/4" GRADE D SLK SUCKER ROD W/ SOFT BOX CPLNG (USED). 3000' 4) 1-1/4" GRADE D WEIGHT BARS (USED) 100' 7/8" X 2.50' GRADE D GUIDED STABILIZER BAR. RH RELEASE BACK-OFF TOOL. =.6' 2 X 1-1/2" X 20' THD INSERT PUMP W/ SCREEN NIPPLE. RWAC. PUMP #3755. ALT BALLS & SEATS.</p>

3/13/2014

1:43:29PM

3

US ROCKIES REGION

1 General

1.1 Customer Information

Company	US ROCKIES REGION
Representative	
Address	

1.2 Well/Wellbore Information

Well	Wellbore No.	OH
MORGAN STATE 7-36	MORGAN STATE 7-36	MORGAN STATE 7-36
Report No. 1	Report Date	11/25/2013
Project	Site	MORGAN STATE 921-36C PAD
Rig Name/No.	Event	RECOMPL/RESERVEVEADD
Start Date	End Date	12/3/2013
Spud Date	Active Datum	RKB @0.00usft (above Mean Sea Level)
UWI		MORGAN STATE 7-36

1.3 General

Contractor	Job Method	Supervisor
Perforated Assembly	Conveyed Method	

1.4 Initial Conditions

Fluid Type	Fluid Density	Gross Interval	3,930.0 (usft)-3,952.0 (usft)	Start Date/Time	11/25/2013 12:00AM
Surface Press	Estimate Res Press	No. of Intervals	3	End Date/Time	11/25/2013 12:00AM
TVD Fluid Top	Fluid Head	Total Shots	24	Net Perforation Interval	8.00 (usft)
Hydrostatic Press	Press Difference	Avg Shot Density	3.00 (shot/ft)	Final Surface Pressure	
Balance Cond	NEUTRAL			Final Press Date	

1.5 Summary

2 Intervals

2.1 Perforated Interval

Date	Formation/ Reservoir	CCL@ (usft)	CCL-T S (usft)	MD Top (usft)	MD Base (usft)	Shot Density (shot/ft)	Misfires/ Add. Shot	Diameter (in)	Carr Type /Stage No	Carr Size (in)	Phasing (°)	Charge Desc/Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
11/25/2013 12:00AM	GREEN RIVER/ 3			3,930.0	3,934.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTIO N	

February 24, 2014 at 8:50 am

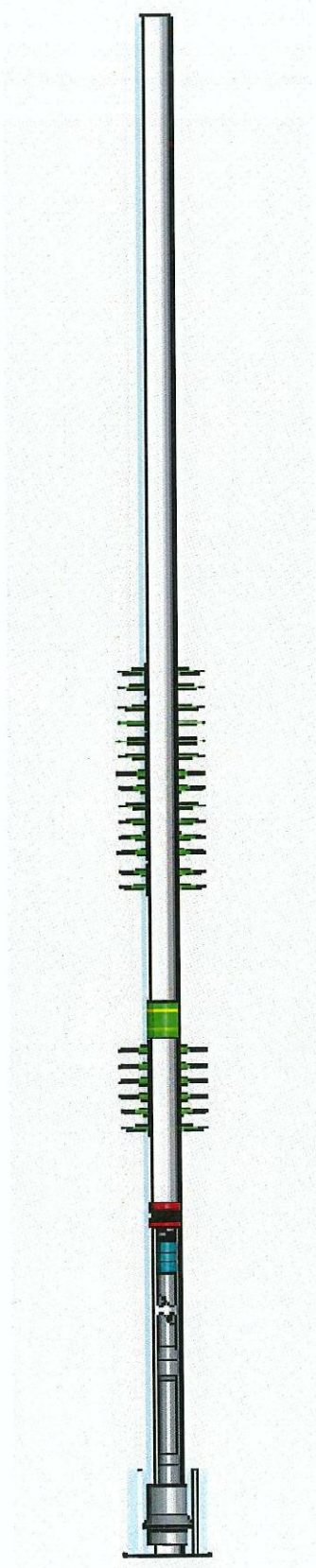
US ROCKIES REGION

2.1 Perforated Interval (Continued)

Date	Formation/ Reservoir	CCL@ (usft)	CCL-T S (usft)	MD Top (usft)	MD Base (usft)	Shot Density (shot/ft)	Misfires/ Add. Shot	Diameter (in)	Carr Type /Stage No	Carr Size (in)	Phasing (°)	Charge Desc /Charge Manufacturer	Charge Weight (gram)	Reason	Misrun
11/25/201 3 12:00AM	GREEN RIVER/			3,937.0	3,939.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION N	
11/25/201 3 12:00AM	GREEN RIVER/			3,950.0	3,952.0	3.00		0.360	EXP/	3.375	120.00		23.00	PRODUCTION N	

3 Plots

3.1 Wellbore Schematic



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22265
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: MORGAN STATE 7-36
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FNL 1980 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 36 Township: 09.0S Range: 21.0E Meridian: S		9. API NUMBER: 43047328110000
PHONE NUMBER: 720 929-6110		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/21/2015	<input type="checkbox"/> SPUD REPORT Date of Spud:	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="text-align: center;"> THE MORGAN STATE 7-36 WELL WAS RETURNED TO PRODUCTION ON 8/21/2015. THANK YOU. </div> <div style="text-align: right; margin-top: 20px;"> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY August 26, 2015 </div>		
NAME (PLEASE PRINT) Jennifer Thomas	PHONE NUMBER 720 929-6808	TITLE Regulatory Specialist
SIGNATURE N/A	DATE 8/25/2015	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22265
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: MORGAN STATE 7-36
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FNL 1980 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 36 Township: 09.0S Range: 21.0E Meridian: S		9. API NUMBER: 43047328110000
PHONE NUMBER: 720 929-6454		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/3/2016 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Kerr-McGee Oil & Gas Onshore, LP respectfully requests to plug and abandon the MORGAN STATE 7-36 well. Please see the attached procedure for details. Thank you.		
<p style="color: red; font-weight: bold;">Approved by the Utah Division of Oil, Gas and Mining</p> <p>Date: November 09, 2016</p> <p>By: <u><i>Derek Dunt</i></u></p> <p style="color: red; font-weight: bold; margin-top: 20px;">Please Review Attached Conditions of Approval</p>		
NAME (PLEASE PRINT) Candice Barber		PHONE NUMBER 435 781-9749
SIGNATURE N/A		TITLE HSE Representative
DATE 10/3/2016		



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047328110000

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. All balanced plugs shall be tagged to ensure they are at the depths specified in the procedure.**
- 3. All annuli shall be cemented from a minimum depth of 100' to the surface.**
- 4. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
- 5. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 6. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 7. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

11/9/2016

Wellbore Diagram

r263

API Well No: 43-047-32811-00-00

Permit No:

Well Name/No: MORGAN STATE 7-36

Company Name: KERR-MCGEE OIL & GAS ONSHORE, L.P.

Location: Sec: 36 T: 9S R: 21E Spot: NENW

Coordinates: X: 627857 Y: 4428607

Field Name: NATURAL BUTTES

County Name: UTAH

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)
HOL1	255	11		
SURF	255	8.625	24	
HOL2	8017	7.875		
PROD	8017	4.5	11.6	

Cup cc. +
(f/cf)

11.459

8 5/8" x 4 1/2" → 4.046

$$\text{Plug \# 5}$$

$$\frac{1W}{SUR} \frac{85K}{(22.5)(1.5)(4046)} = 102'$$

$$\text{Plug \# 4}$$

$$\frac{85K}{85K} = 105'$$

$$TOC @ 200'$$

$$\text{Plug \# 3}$$

$$(325K)(1.5)(11.459) = 421'$$

$$TOC @ 1100'$$

$$\checkmark O.R.$$

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	8017	130	HG	350
PROD	8017	130	T2	1173
PROD	8017	130	G	290
SURF	255	0	G	0
SURF	255	0	HG	0
SURF	255	0	T2	0
SURF	255	0	PA	85

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
4877	6129			
6732	7620			
4557	4648			
3930	3952			

Formation Information

Formation	Depth
BMSW	1300
GRRV	1318
PARCK	3049
WSTC	4650
MVRD	7334

$$(135K)(1.5)(11.459) = 171'$$

$$TOC @ 4650'$$

Cement from 8017 ft. to 130 ft.

Production: 4.5 in. @ 8017 ft.

Hole: 7.875 in. @ 8017 ft.

TD:

8017 TVD:

PBDT:

MORGAN STATE 07-36
660' FNL & 1980' FWL
NENW SEC. 36, T9S, R21E
UINTAH UT

KBE: 5002'
GLE: 4989'
TD: 8017'
PBSD: 4727'

API NUMBER: 4304732811
LEASE NUMBER: ML-22265
LAT/LONG: 39.997935/-109.502432

CASING : 12.25" hole
SURFACE 8.625" 24# K-55 @ 255'

PRODUCTION 7.875" hole
4.5" 11.6# N-80 @ 8017'
Est. TOC @ 150' CBL

PERFORATIONS: GREEN RIVER TOP-BOTTOM 3930'-4648'

TUBING: 2.375" 11.7# J-55 tbg at 4710'

Tubular/Borehole	ID	Drift inches	Collapse psi	Burst psi	Capacities		
	inches				Gal./ft.	Cuft./ft.	Bbl./ft.
2.375" 4.7# J-55 tbg	1.995	1.901	8100	7700	0.1624	0.02171	0.00387
2.375" 4.7# P-110 tbg	1.995	1.901	13800	15400	0.1624	0.02171	0.00387
2.375" 4.7# L-80 tbg	1.995	1.901	11780	11200	0.1624	0.02171	0.00387
4.5" 11.6# N-80 csg	4	3.875	6350	7780	0.65282	0.08727	0.01554
8.625" 24# K-55 csg	8.097	0	1370	2950	2.67488	0.35758	0.06369

Annular Capacities	Gal./ft.	Cuft./ft.	Bbl./ft.
2.375" tbg. X 4.5" csg	0.42272	0.05651	0.01006
4.5" csg. X 8.625" csg	1.84866	0.24713	0.04402
4.5" csg X 7.875 borehole	1.70406	0.2278	0.04057

GEOLOGIC INFORMATION:

Formation	Depth to top, ft.
Top Green River	1420'
Top Mahogany	2195'
Base Parachute	3049'
Top Wasatch	4651'
Top Mesaverde	7427'

<http://digitallibrary.utah.gov/awweb/awarchive?type=file&item=55737>

BMSW Elevation ~3802' MSL
BMSW Depth ~1200'

MORGAN STATE 07-36 PLUG & ABANDONMENT PROCEDURE

GENERAL

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- BLOW DOWN BRADEN HEAD AND SURFACE CASING AS NEEDED AS PER SOP.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, 15.8ppg, YIELD 1.145 CUFT/SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLS FLUID AND IS TO BE PLACED BETWEEN ALL PLUGS.
- NOTIFY APPROPRIATE AGENCY 48 HOURS BEFORE MOVING ON LOCATION.

PERTINENT WELL HISTORY:

5/2/1998 – TOP DOWN CEMENT JOB WITH 65 SXS CLASS G W/ LCM & 190 SXS TAIL
5/19/1998 – TOP DOWN CEMENT JOB WITH 35SXS
6/2012 – CIBP SET @4827, CEMENT SQUEEZE FROM 2864-2886'
7/2013 – CIBP @4827 CAPPED WITH ~100' CEMENT (WASATCH/MESAVERDE ISOLATED)
7/2013 – GREEN RIVER RECOMPLETE

PROCEDURE Note: Approx. **94 SXS** Class “G” cement needed for procedure & **(1) 4.5” CIBP**

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. POOH W/RODS & L/D
3. POOH W/ TBG & L/D. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL PER FOREMAN DISCRETION.
4. ISOLATE PERFORATIONS (4648'-3930'): RIH ON WIRELINE OR TUBING W/ 4.5” CIBP. SET @ ~3880', (50' above top perf at 3930'). RELEASE CIBP, PUH 10', CIRC ENTIRE HOLE W/ TREATED FRESH WATER AND PRESSURE TEST CASING. SET A 105FT BALANCED CMT PLUG F/ 3880' to 3775' (8 SXS, 9.16 FT3, 1.64 BBLS).
5. PROTECT PARACHUTE BASE (3049'): PUH WITH TUBING AND PUMP A MINIMUM OF (210FT) CMT F/ 3154' to 2944' (16 SXS, 18.32 FT3, 3.27 BBLS).
6. PROTECT GREEN RIVER (1420') & BMSW (1200'): PUH WITH TUBING AND PUMP A MINIMUM OF (420FT) CMT F/ 1520' to 1100' (32 SXS, 36.64 FT3, 6.52 BBLS).
7. PROTECT CASING SHOE (255'): PUH WITH TUBING AND PUMP A MINIMUM OF (105FT) CMT F/ 305' to 200' (8 SXS, 9.16 FT3, 1.64 BBLS).
8. PROTECT SURFACE (101'): PUH WITH TUBING AND PUMP A MINIMUM OF (105 FT) CMT F/ 105'-0' (8 SXS, 9.16 FT3, 1.64 BBLS). POOH AND RUN 1 INCH TUBING DOWN THE PRODUCTION/SURFACE CASING ANNULUS TO AS DEEP AS POSSIBLE AND CEMENT TO SURFACE (22 SXS, 25.19 FT3, 4.49 BBLS).
9. CUT OFF WELLHEAD AND INSTALL MARKER PER REGULATIONS.
10. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB. SURFACE RECLAMATION TO BE PERFORMED IN ACCORDANCE TO REGULATIONS.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22265
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: MORGAN STATE 7-36
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FNL 1980 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 36 Township: 09.0S Range: 21.0E Meridian: S		9. API NUMBER: 43047328110000
PHONE NUMBER: 720 929-6456		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/28/2016	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Kerr-McGee Oil & Gas Onshore, LP has plugged and abandoned the Morgan State 7-36 well on 11/28/2016. Please see the operations summary report for details. Thank you.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 01, 2016		
NAME (PLEASE PRINT) Candice Barber	PHONE NUMBER 435 781-9749	TITLE HSE Representative
SIGNATURE N/A	DATE 11/30/2016	

US ROCKIES REGION
Operation Summary Report

Well: MORGAN STATE 7-36				Spud date: 1/7/1998					
Project: UTAH-UINTAH			Site: MORGAN STATE 921-36C PAD					Rig name no.: MILES 4/4	
Event: ABANDONMENT			Start date: 11/14/2016					End date: 11/28/2016	
Active datum: RKB @0.00usft (above Mean Sea Level)				UWI: MORGAN STATE 7-36					
Date	Time Start-End		Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
11/17/2016	8:00	- 10:30	2.50	ABANDP	30	A	P		ROAD RIG FROM 8D2DS TO LOC. RIG & EQUIPMENT.
	10:30	- 13:30	3.00	ABANDP	46	E	X		HANG WELL OFF. PICKED ON ROD STRING TO 2K THREADS ON PUMPING TEE PULLED OUT OF RATIGAN. WAIT ON NEW PARTS & CHANGE OUT.
	13:30	- 13:30	0.00	ABANDP	31	H	X		PU ON RODS WAXED UP. MIRU WILLIES HOT OIL. PUMP 70 BBLS TMAX DOWN CSG @ 225 DEGREES STARTING PRESSURE 300 PSI INCREASED TO 2000 PSI AFTER 3 BBLS THEN DROPED BACK TO 1250 PSI AND STAYED. UNABLE TO UNSEAT PUMP. SWI. SDFN.
11/21/2016	7:00	- 7:30	0.50	ABANDP	48		P		HSM, WORKING W/ STUCK RODS
	7:30	- 10:00	2.50	ABANDP	39	C	P		HEAT CSG W/ 70 BBLS T-MAC, WORKING RODS UNABLE TO GET PUMP UNSEATED, TRY TO RELEASE F. RH TOOL NO LUCK, RU BACKED OFF RODS.
	10:00	- 12:30	2.50	ABANDP	39	B	P		L/D POLISH ROD & PONYS & 63-7/8, 13- 3/4, RD ROD EQUIP.
	12:30	- 13:30	1.00	ABANDP	30	E	P		CIRC OIL FROM TBG, ND WH, UNLAND TBG IS PARTED 2,000# STRING WEIGHT. NU BOPS RU FLOOR.
	13:30	- 14:30	1.00	ABANDP	45	A	P		RU SCAN OUT W/ 22 JTS 23/8 J-55.PIN BACKED OUT OF COLLAR.
	14:30	- 16:30	2.00	ABANDP	31	B	P		PU OVER SHOT & 22 JTS 23/8 P-110 TAG & LATCHED ONTO FISH PU TBG NOT STUCK, L/D 22 JTS & OVERSHOT, SWI SDFN
11/22/2016	7:00	- 7:30	0.50	ABANDP	48		P		HSM, STRIPPING RODS.
	7:30	- 17:00	9.50	ABANDP	45	A	P		0 PSI ON WELL, RU SCAN & STRIP TBG & RODS OUT OF HOLE.W/ 89 JTS 23/8 J-55 & 60 3/4 RODS HAVING LOTS OF TROUBLE W/ OIL & RODS NOT BACKING OFF DEEP. SWI SDFN.
11/23/2016	7:00	- 7:30	0.50	ABANDP	48		P		HSM, STRIPPING TBG & RODS W/ OIL CONDITIONS.
	7:30	- 10:00	2.50	ABANDP	31	I	P		WELL PSI 0, FINISH STRIPPING TBG & RODS FROM WELL.40 JTS TBG 47 3/4 RODS, 4 WBARS, 2' 7/8 PONY W/ RH RELASE TOOL PUMP. RD SCANTECH.131 YB 20 RED, HEAVEY EXT PITTING JTS 131-151, MEDIUM EXTERNAL SCALE JTS 141-151, HOLE IN JT 141 HEAVEY CRUDE IN ID.
	10:00	- 17:00	7.00	ABANDP	31	I	P		WASHED OFF FLOOR & EQUIP W/ HOT OILER. PU 37/8 MILL & 131 JTS EOT @ 4071', RU CIRC WELL W/ 15 BBLS T-MAC W/ CHEMICAL, & DISPLACE W/ 60 BBLS T-MAC.L/D 6 JTS EOT @ 3882' SWI SDFWE.
11/28/2016	7:00	- 7:30	0.50	ABANDP	48		P		HSM, WORKING W/ CEMENT CREW.
	7:30	- 8:00	0.50	ABANDP	30	E	P		WELL PSI 0, CIRC WELL W/ 60 BBLS T-MAC TO REM OIL F/ TBG.
	8:00	- 12:30	4.50	ABANDP	31	I	P		POOH W/ 125 JTS 23/8 L/D MILL. RIH W/ CIBP & 126 JTS SET CIBP @ 3892' L/D JT 126 EOT @ 3882'. CIRC WLL W/ 60 BBLS HOT WTR TO REM OIL. CIRC WELL W/ 60 BBLS COLD T-MAC.TEST CSG TO 500 PSI,OK.

US ROCKIES REGION

Operation Summary Report

Well: MORGAN STATE 7-36

Spud date: 1/7/1998

Project: UTAH-UINTAH

Site: MORGAN STATE 921-36C PAD

Rig name no.: MILES 4/4

Event: ABANDONMENT

Start date: 11/14/2016

End date: 11/28/2016

Active datum: RKB @0.00usft (above Mean Sea Level)

UWI: MORGAN STATE 7-36

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	12:30 - 17:00	4.50	ABANDP	51	D	P		PUMPED 2.6 BBLS FRESH, 2 BBLS 10 SKS 15.8# 1.15 YEILD G CMT, 1 BBL FRESH, DISPL W/ 13.4 BBLS T-MAC. L/D 23 JTS EOT @ 3166'. PUMPED 2.6 BBLS FRESH.3.6 BBLS 18 SXS 15.8# 1.15 YEILD G CMT. 1 BBL FRESH, DISPL W/ 10.2 BBLS T-MAC. L/D 53 JTS EOT @ 1522'. PUMPED 2.6 BBLS FRESH, 6.5 BBLS 32 SXS 15.8# 1.15 YEILD G CMT, 1 BBL FRESH, DISPL W/ 3 BBLS T-MAC. L/D 38 JTS EOT @ 307' PUMPED 2.6 BBLS FRESH, 2 BBLS 10 SXS 15.8# 1.15 YEILD G CMT, DISPL W/ .6 BBLS FRESH. L/D REM 10 JTS, RD FLOOR, ND BOPS, RIG DWN RIG, DIG & CUT WH, TOP OFF 41/2 W/ 8 SXS CMT, 85/8 W/ 11 SXS CMT.WELD ON PLATE P&A COMPLETE.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: MORGAN STATE 7-36
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FNL 1980 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 36 Township: 09.0S Range: 21.0E Meridian: S		9. API NUMBER: 43047328110000
PHONE NUMBER: 720 929-6454		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/7/2012	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
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<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. An NOI was approved on 3/20/2012 to plug back and abandon the existing Wasatch and Mesaverde perforations and recomplete the subject well in the Green River formation. The plug back was completed on 6/7/2012 and the cast iron bridge plug was set at 4865'. Please see the attached operations summary report for further details.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 01, 2016		
NAME (PLEASE PRINT) Candice Barber	PHONE NUMBER 435 781-9749	TITLE HSE Representative
SIGNATURE N/A	DATE 12/1/2016	

US ROCKIES REGION
Operation Summary Report

Well: MORGAN STATE 7-36

Spud date: 1/7/1998

Project: UTAH-UINTAH

Site: MORGAN STATE 921-36C PAD

Rig name no.: MILES 2/2

Event: ABANDONMENT

Start date: 5/14/2012

End date: 6/7/2012

Active datum: RKB @0.00usft (above Mean Sea Level)

UWI: MORGAN STATE 7-36

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
6/5/2012	6:45 - 7:00	0.25	ABANDP	48		P		HSM, JSA
	7:00 - 18:00	11.00	ABANDP	45		P		MIRU,TBG 50 PSI, CSG 250 PSI, BLOW DWN WELL, ND WH. NU BOP'S, UNLAND TBG, RU PRS, SCAN TBG, SEVERE INTERNAL SCALE FROM JNT 160 - 207 & HOLES IN JTS 169, 190 & RD PRS, RU CUTTERS, TIH WITH GAUGE RING TO 4,875", POOH, PU 10K CIBP, TIH TO 4,865', SET CIBP, POOH, RD CUTTERS, SDFN
6/6/2012	6:45 - 7:00	0.25	ABANDP	48		P		HSM, JSA
	7:00 - 16:00	9.00	ABANDP	31	I	P		TALLY TBG TO CIBP @ 4,865', PRESS CSG TO 1000 PSI, CSG WILL NOT HOLD PRESSURE (PRESSURE LEAKS OFF AS FAST AS THE PUMP WILL PUMP), TOOH P/U FULL BORE PACKER, TIH TESTING CSG EVERY 1000' ABOVE AND BELOW PACKER TO TO FIND LEAK, NARROW DOWN CSG LEAK TO A 22' AREA BETWEEN 2864' - 2886', TOOH LD PACKER, SDFN
6/7/2012	6:45 - 7:00	0.25	ABANDP	48		P		HSM, JSA
	7:00 - 8:00	1.00	ABANDP	34	B	P		MIRU CUTTERS WIRELINE, P/U COMPOSITE CEMENT RETAINER, RIH SET RETANIER @ 2817', POOH RD CUTTERS WIRELINE
	8:00 - 9:00	1.00	ABANDP	31	I	P		P/U STINGER, TIH W/ 2-3/8 TBG, BREAK CIRC ABOVE RETAINER, STING INTO RETAINER

US ROCKIES REGION

Operation Summary Report

Well: MORGAN STATE 7-36

Spud date: 1/7/1998

Project: UTAH-UINTAH

Site: MORGAN STATE 921-36C PAD

Rig name no.: MILES 2/2

Event: ABANDONMENT

Start date: 5/14/2012

End date: 6/7/2012

Active datum: RKB @0.00usft (above Mean Sea Level)

UWI: MORGAN STATE 7-36

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	9:00 - 18:00	9.00	ABANDP	51	C	P		<p>MIRU PRO PETRO, PRESS TEST PUMP LINES, ESTB. INJ. RATE OF 2.8 BPM @ 570PSI, MIX 2% CaCl2 FOR 100 SX CEMENT IN 12 BBLS MIX WTR, MIX & PUMP 20BBLS @ 15.8 PPG, MIX & PUMP 50 SX CEMENT NEAT 10 BBLS, SHUT DN WELL ON VACUME, SHUT TRUCK IN WAITE 20 MINS, OPEN WELL TO TRUCK & SUCKED 1BBL, SHUT TRUCK IN WAITE 20 MINS, OPEN TRUCK UP TO WELL SUCKED 1BBL, SHUT WELL IN FOR 20 MINS, OPEN TRUCK UP TO WELLPUMPED 2 BBL @ 2 BBL A MIN, 0 PSI, SHUT TRUCK IN WAITE 25 MINS, OPEN TRUCK UP TO WELLPUMPED 2 BBL @ 2 BBL A MIN, 70 PSI, SHUT TRUCK IN WAITE 10 MINS, OPEN TRUCK UP TO WELLPUMPED 3 BBL @ 1 BBL A MIN, 200 PSI, FLUSH AWAY W/ 10 BBLS WTR.</p> <p>ESTB. INJ. RATE OF 2.8 BPM @ 570PSI, MIX 3% CaCl2 FOR 100 SX CEMENT IN 12 BBLS MIX WTR, MIX & PUMP 20BBLS @ 15.8 PPG, MIX & PUMP 50 SX CEMENT NEAT 10 BBLS, SHUT DN WELL ON VACUME, SHUT TRUCK IN WAITE 20 MINS, OPEN WELL TO TRUCK & SUCKED 1BBL, SHUT TRUCK IN WAITE 20 MINS, OPEN TRUCK UP TO WELL SUCKED 1BBL, SHUT TRUCK IN WAITE 20 MINS, OPEN TRUCK UP TO WELL PUMPED 1 BBL @ .4 BBL A MIN, 50 PSI, SHUT TRUCK IN (HOLDING 35 PSI) WAITE 20 MINS, OPEN TRUCK UP TO WELL PUMPED .25 BBL @ .3 BBL A MIN, 1000 PSI, STING OUT OF RETAINER, REVERSE CIRC RETURNING 5 BBLS OF CEMENT, RDMO PRO PETRO, POOH LD TBG ON TRAILER, LD STINGER, RDMO.</p>